

Chapter

7

Query Tool



CHAPTER 7 – QUERY TOOL

The **Query Tool** module is closely related to the Data Repository module which provides long term repository for research data. By combining the power of the GUID and the use of standard vocabulary via CDEs, the *query tool* provides a powerful means to filter through volumes of aggregated research data across studies.

The *Meta Study* is integrated into the Query Tool, allowing researchers to send data and query to a Meta Study by just clicking on the “***Send to Meta Study***” button. Other modules like Data Repository and Data Dictionary, Download Tool (which allows users to download data selected in the Query Tool) are also integrated into the Query Tool.

7.1 OBJECTIVE

This chapter provides information for users on how to:



- ❖ Search for studies and/or forms using filters and free text search
- ❖ Filter data by any data element and/or value
- ❖ Quickly and efficiently gain an understanding of data that is in the system
- ❖ Download data

7.2 USING QUERY TOOL

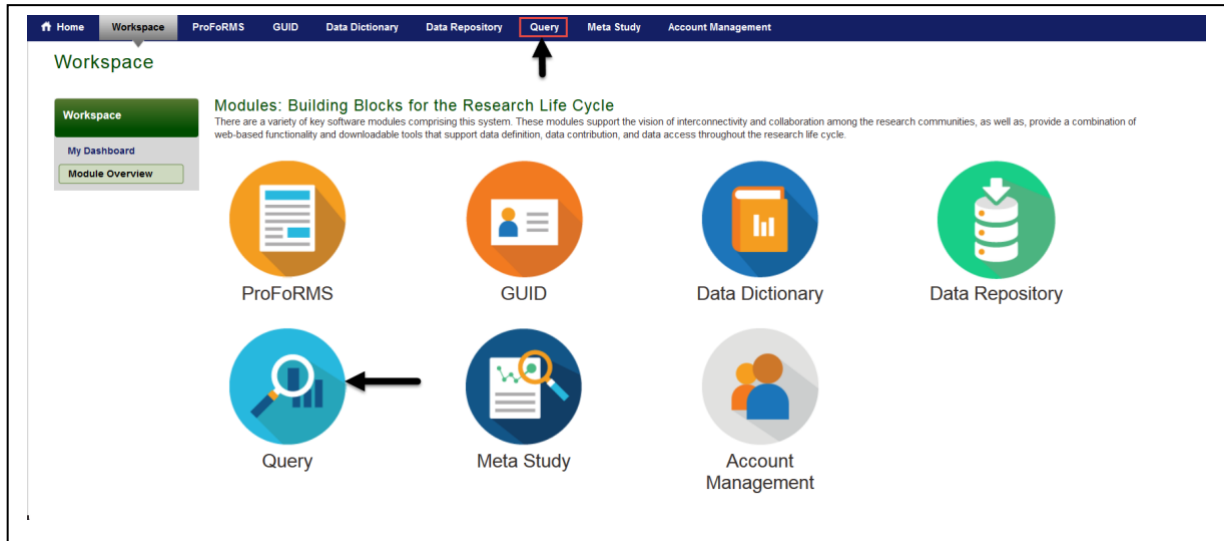
To access the [Query Tool](#): Perform the following actions:

- 1. Login to the system.
- 2. Navigate to the Workspace landing page

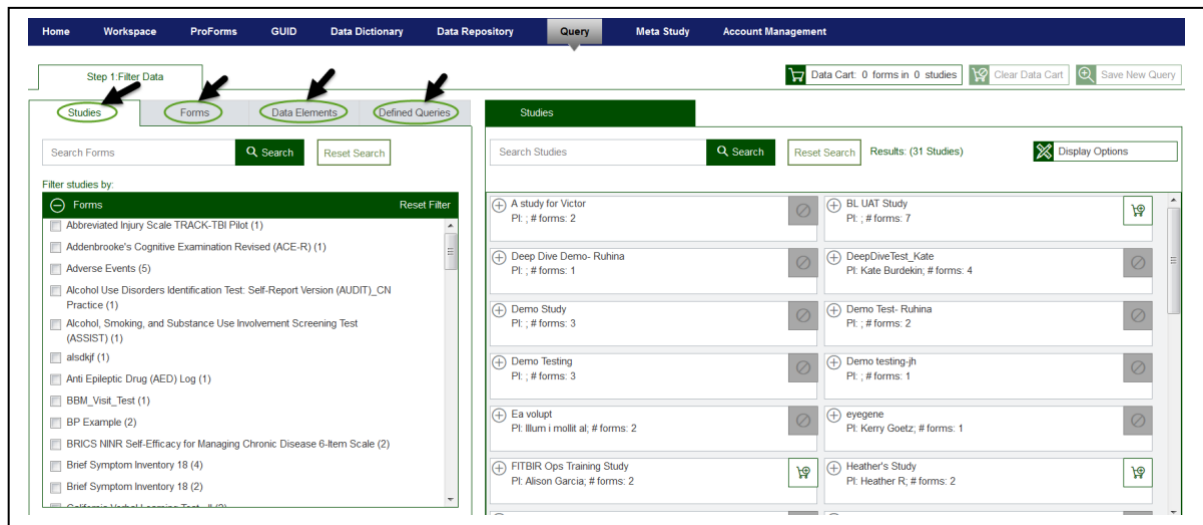


| ICON KEY | | Things to Note: The best user experience with navigating through the Query Tool module is with the latest Firefox browser Java Runtime Environment(JRE) version 7 or higher is required. Check your version of Java. |
|---|-----------------------|---|
|  | Notes | |
|  | Important Information | |
| | | |

3. Click the **Query** module or Click on Query located on the top bar of the Workspace page.



4. The first step in the query tool is to “Filter Data”. From the main query page, you may search for studies using a variety of options: ***Studies, Forms, Data Elements, Defined Queries.***

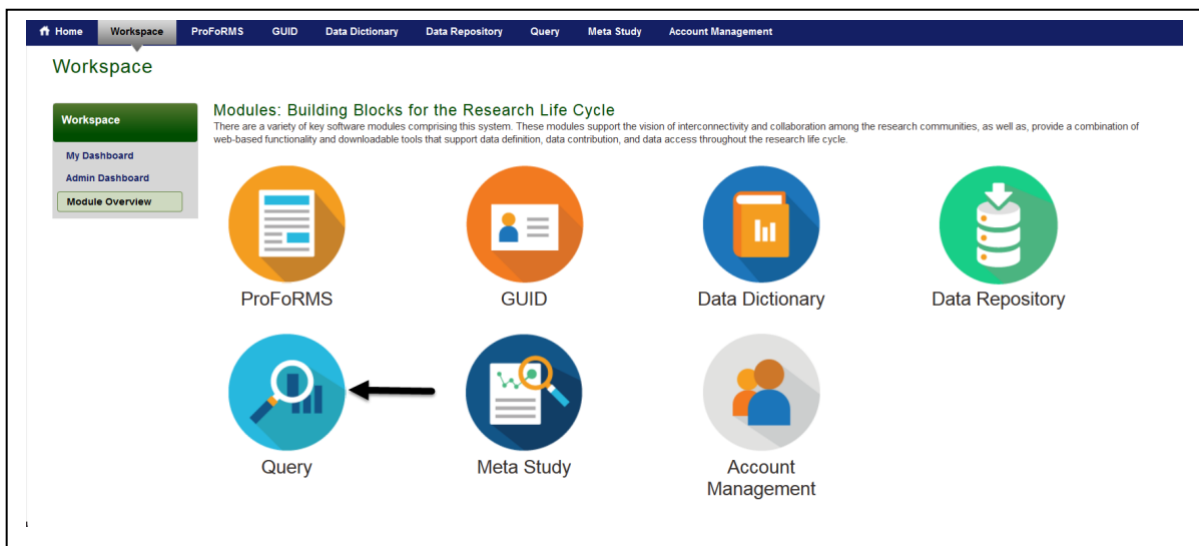


7.2.1 Filtering/Displaying Data Using Select Criteria

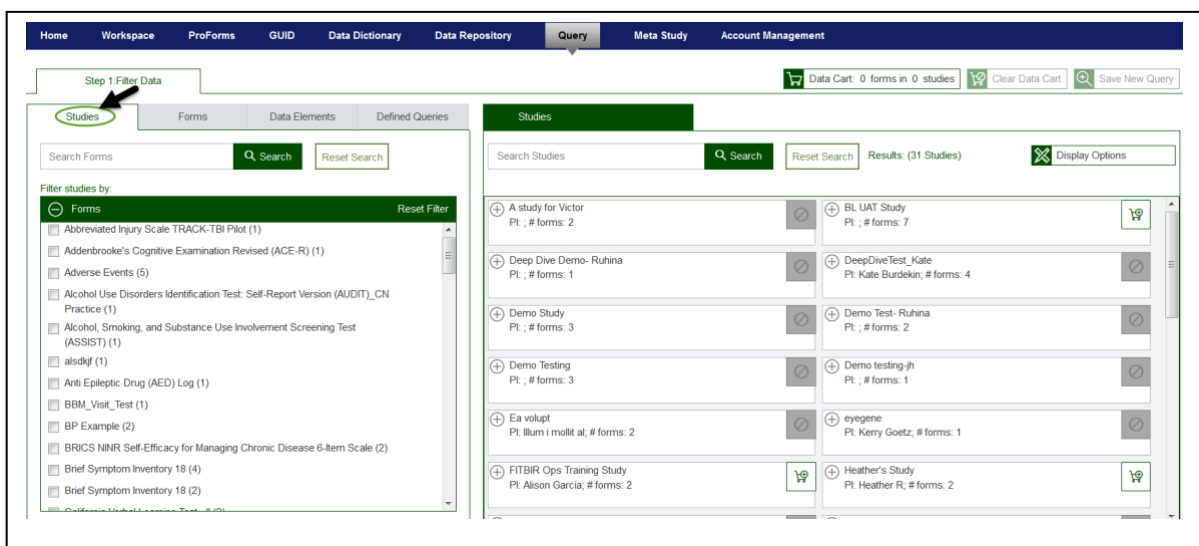
Filtering and Displaying data using the select criteria is one of the most important functions of the Query tool.

To filter/display data using the select criteria tab: Perform the following actions:

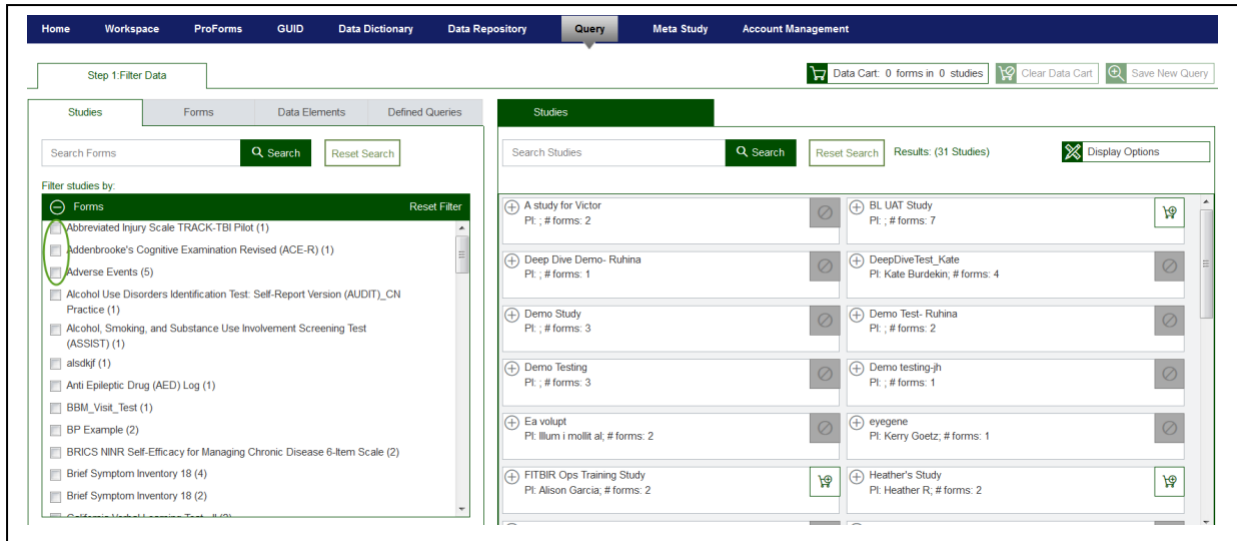
1. Login to the system.
2. Navigate to the Workspace landing page.
3. Click the **Query** module.



4. Select the **Studies** tab to **Step 1: Filter Data**.

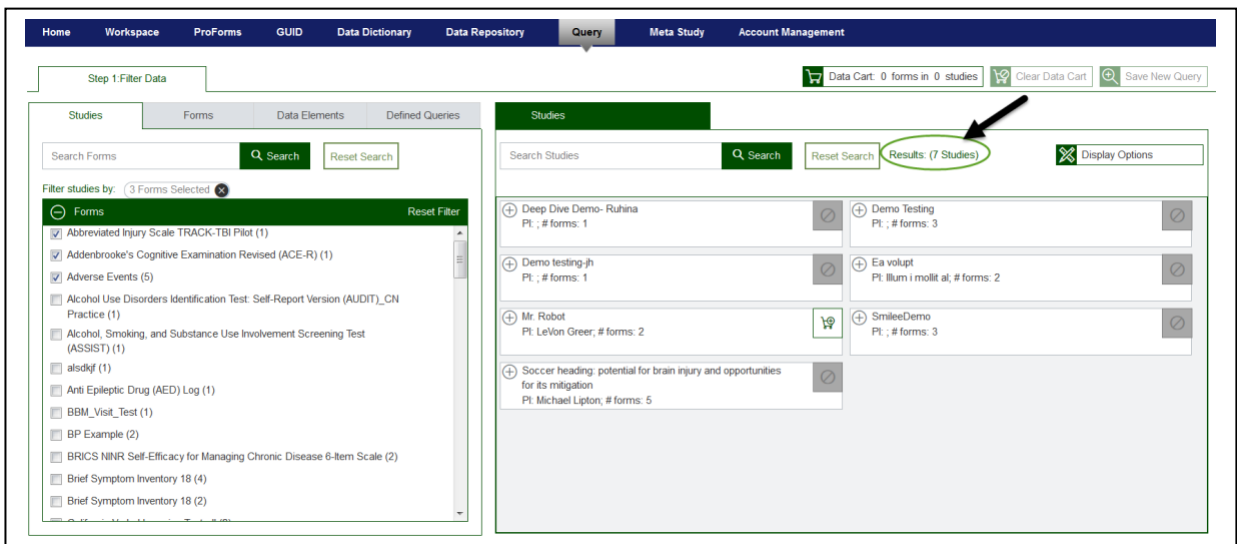


5. Filter studies by selecting the **check-box** beside the desired form name.



The screenshot shows the 'Query' tab in the BRICS interface. On the left, under 'Filter studies by', the 'Forms' tab is active. A list of forms is shown, with 'Abbreviated Injury Scale TRACK-TBI Pilot (1)' selected. On the right, the 'Studies' section shows a list of studies with their respective form counts. The 'Data Cart' at the top indicates 0 forms in 0 studies.

6. Click on the Form name in the left pane, data will be displayed in the right pane indicating the number of rows of data on the right-hand pane upper corner.

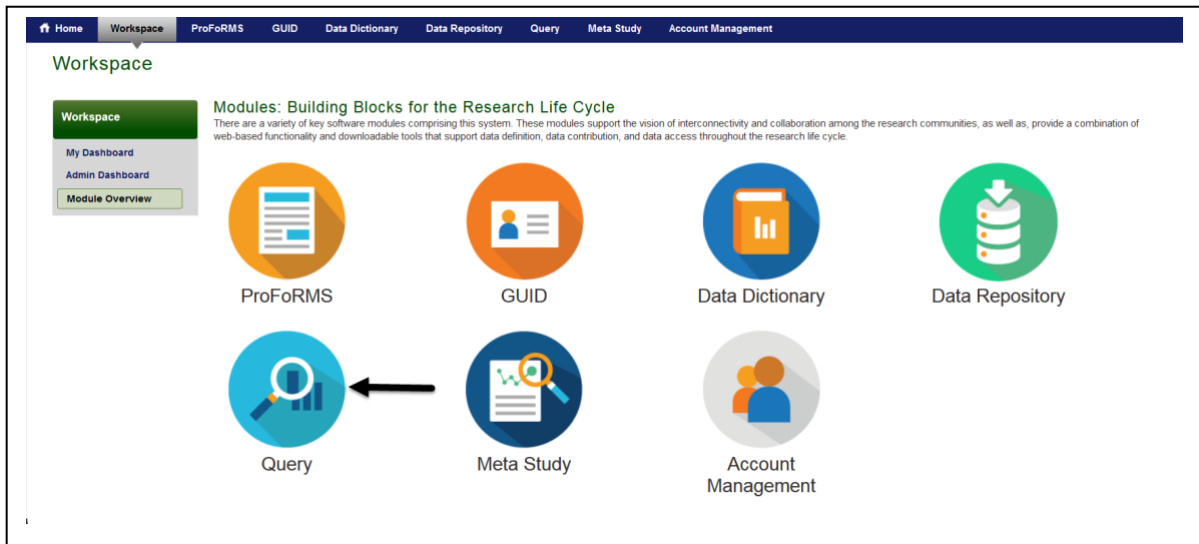


The screenshot shows the 'Query' tab in the BRICS interface. On the left, under 'Filter studies by', the 'Forms' tab is active. Three forms are selected: 'Abbreviated Injury Scale TRACK-TBI Pilot (1)', 'Addenbrooke's Cognitive Examination Revised (ACE-R) (1)', and 'Adverse Events (5)'. On the right, the 'Studies' section shows a list of studies with their respective form counts. The 'Results: (7 Studies)' text in the top right corner of the 'Studies' section is highlighted with a green circle and an arrow.

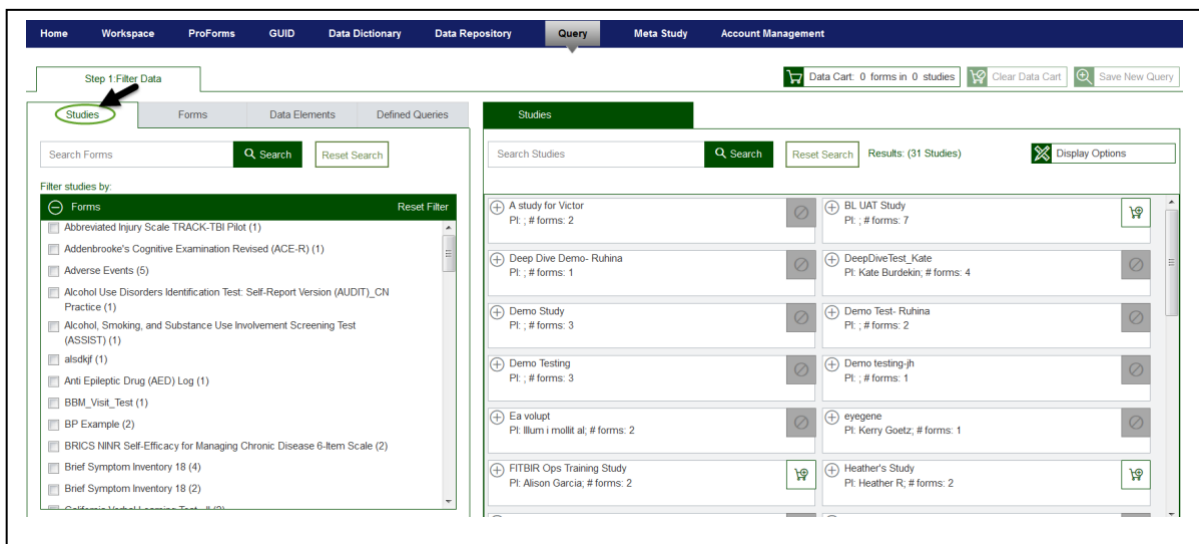
7.2.2 Search Forms (Studies)

To search forms, filtered by studies: Perform the following actions:

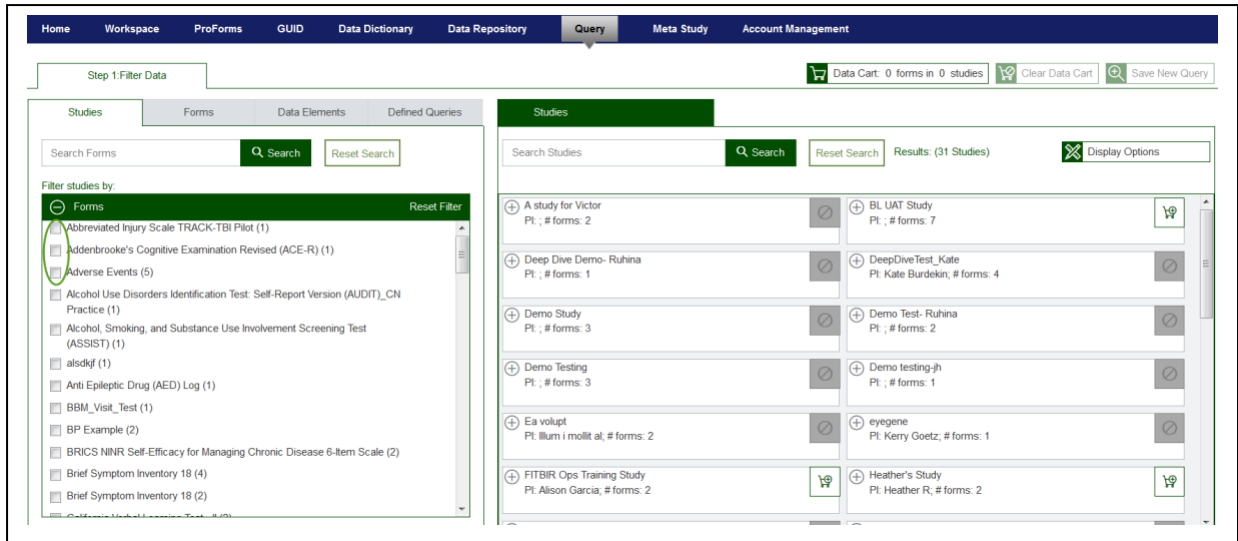
1. Login to the system.
2. Navigate to the Workspace landing page.
3. Click the **Query** module.



4. Select the **Studies** tab to **Step 1: Filter Data**.

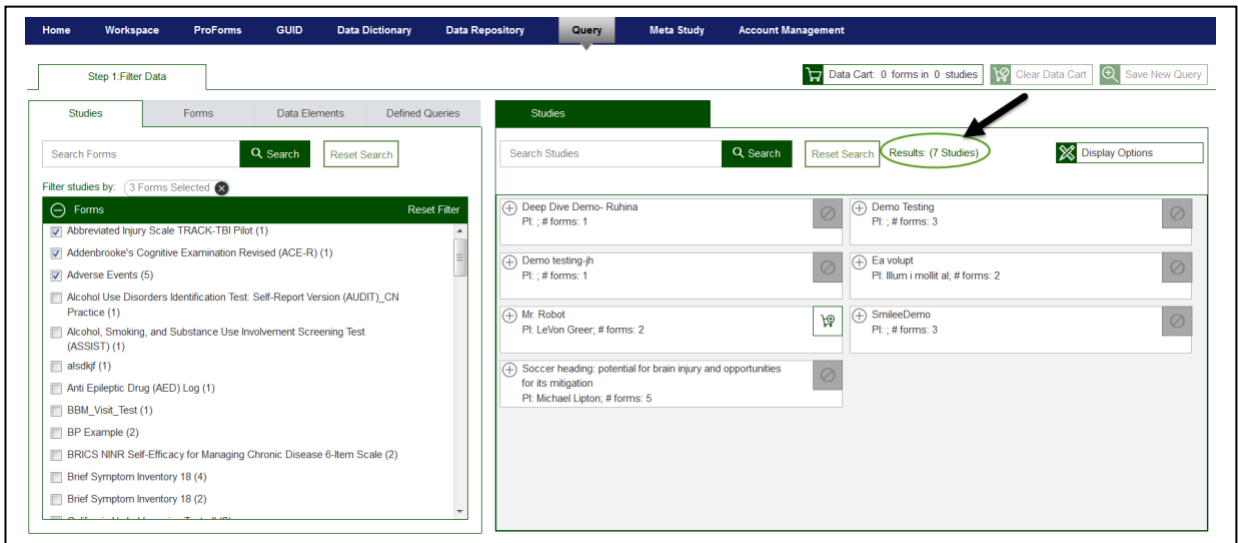


5. Filter studies by selecting the **check-box** beside the desired form name.



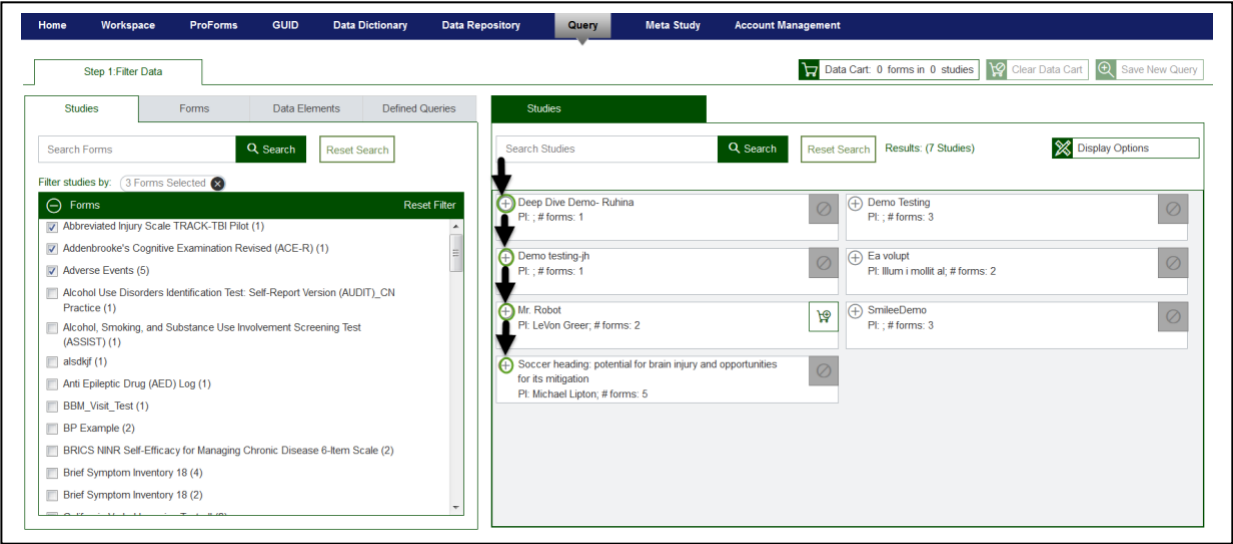
The screenshot shows the BRICS Query interface. The top navigation bar includes Home, Workspace, ProForms, GUID, Data Dictionary, Data Repository, Query (selected), Meta Study, and Account Management. Below the navigation bar, there's a 'Step 1: Filter Data' section. On the left, the 'Filter studies by' panel is open, showing a list of forms with checkboxes. The 'Abbreviated Injury Scale TRACK-TBI Pilot (1)' form is highlighted with a green circle. On the right, the 'Studies' panel shows a list of studies with checkboxes. The 'Data Cart' at the top right indicates '0 forms in 0 studies'.

6. The results are displayed on the right-pane of the window.

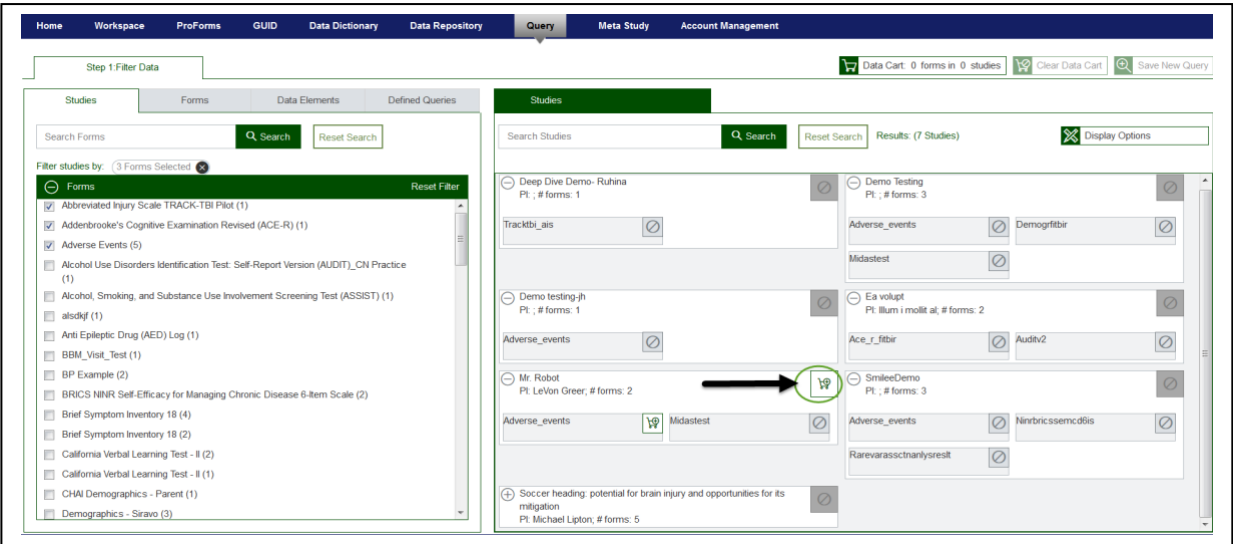


The screenshot shows the BRICS Query interface. The top navigation bar includes Home, Workspace, ProForms, GUID, Data Dictionary, Data Repository, Query (selected), Meta Study, and Account Management. Below the navigation bar, there's a 'Step 1: Filter Data' section. On the left, the 'Filter studies by' panel is open, showing a list of forms with checkboxes. The 'Abbreviated Injury Scale TRACK-TBI Pilot (1)' form is highlighted with a green circle. On the right, the 'Studies' panel shows a list of studies with checkboxes. The 'Data Cart' at the top right indicates '0 forms in 0 studies'. A green circle highlights the 'Results: (7 Studies)' text in the 'Studies' panel, with an arrow pointing to it.

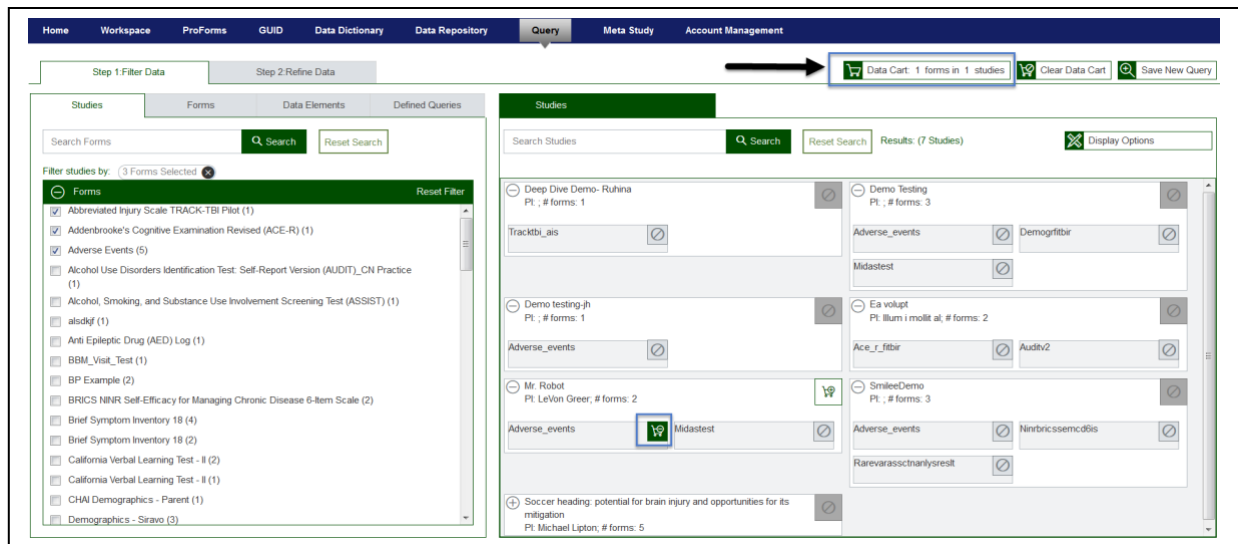
- To better narrow your search to the appropriate results, click on the **+** expandable buttons to expand the results.



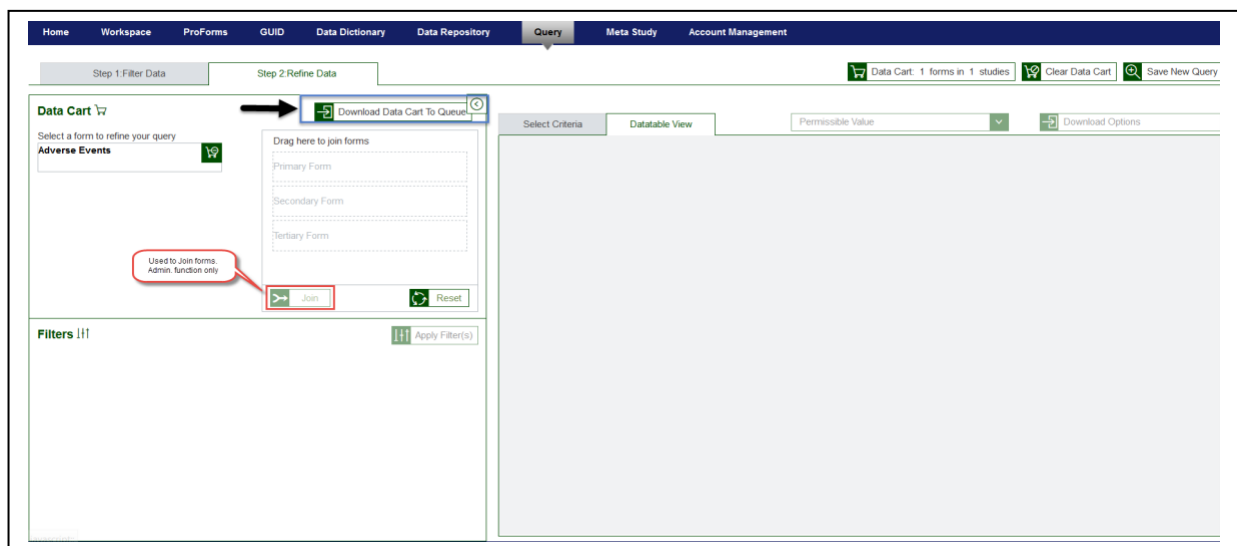
- Click on the **“Shopping Basket”** icon beside the desired query result to add the form and/or studies to your Data Cart.



9. Click on the “**Data Cart**” icon containing your selected forms and studies to continue to step **Step 2: Refine Data**.



10. On the **Step 2: Refine Data** tab, click on the **Download Data Cart Queue** to download the associated data/dataset to the Download Queue. **Note:** Refer to the [Download Tool](#) module on how to download the data.



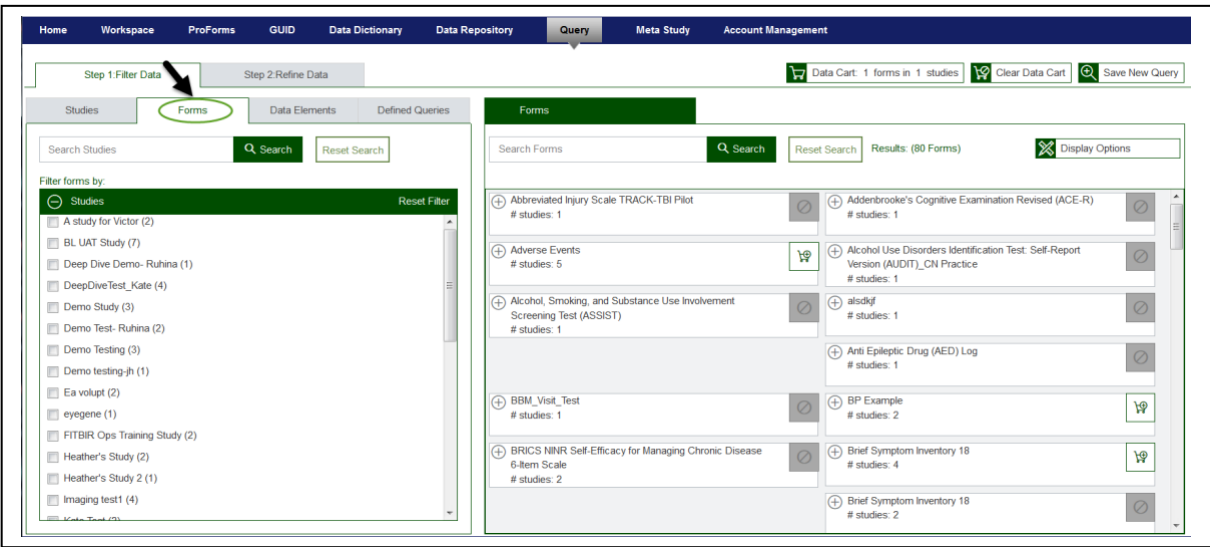
7.2.3 Search Studies (Forms)

To search for Forms, Filtered by Studies: Perform the following actions:

1. Login to the system.
2. Navigate to the Workspace landing page.
3. Click the **Query** module.



4. Select the **Forms** tab.



5. Filter Forms by selecting the check-box beside the desired studies name located on the left-pane. The filtered forms will appear on the right-pane as shown below.

HomeWorkspaceProFormsGUIDData DictionaryData RepositoryQueryMeta StudyAccount Management

Step 1: Filter DataStep 2: Refine Data

Data Cart: 1 forms in 1 studiesClear Data CartSave New Query

StudiesFormsData ElementsDefined Queries

Search StudiesSearchReset Search

Filter forms by: 3 Studies SelectedReset Filter

- ☒ A study for Victor (2)
- ☒ BL UAT Study (7)
- ☒ Deep Dive Demo- Ruhina (1)
- ☐ DeepDiveTest_Kate (4)
- ☐ Demo Study (3)
- ☐ Demo Test- Ruhina (2)
- ☐ Demo Testing (3)
- ☐ Demo testing-jh (1)
- ☐ Ea volupt (2)
- ☐ eyegene (1)
- ☐ FITBIR Ops Training Study (2)
- ☐ Heather's Study (2)
- ☐ Heather's Study 2 (1)
- ☐ Imaging test1 (4)

Forms

Search FormsSearchReset SearchResults: (10 Forms)Display Options

| | |
|--|--|
| <input type="checkbox"/> Abbreviated Injury Scale TRACK-TBI Pilot # studies: 1 | <input type="checkbox"/> alsdkj# # studies: 1 |
| <input type="checkbox"/> BP Example # studies: 2 | <input type="checkbox"/> BRICS NINR Self-Efficacy for Managing Chronic Disease 6-item Scale # studies: 2 |
| <input type="checkbox"/> Brief Symptom Inventory 18 # studies: 4 | <input type="checkbox"/> Brief Symptom Inventory 18 # studies: 2 |
| <input type="checkbox"/> Demographics Standard FITBIR # studies: 5 | <input type="checkbox"/> Testing_Testing_Sys1 # studies: 1 |
| <input type="checkbox"/> TRACK-TBI Glasgow Coma Scale Pediatric (GOSE-P) # studies: 2 | <input type="checkbox"/> Trail Making Test # studies: 3 |

6. The results are displayed on the right-pane of the window.

HomeWorkspaceProFormsGUIDData DictionaryData RepositoryQueryMeta StudyAccount Management

Step 1: Filter DataStep 2: Refine Data

Data Cart: 1 forms in 1 studiesClear Data CartSave New Query

StudiesFormsData ElementsDefined Queries

Search StudiesSearchReset Search

Filter forms by: 3 Studies SelectedReset Filter

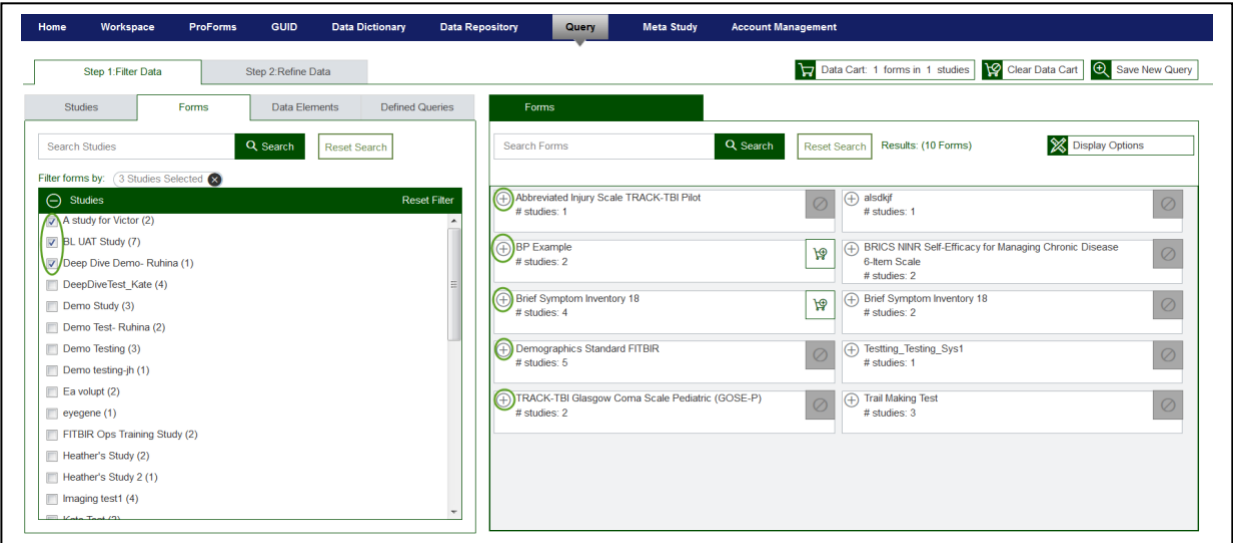
- ☒ A study for Victor (2)
- ☒ BL UAT Study (7)
- ☒ Deep Dive Demo- Ruhina (1)
- ☐ DeepDiveTest_Kate (4)
- ☐ Demo Study (3)
- ☐ Demo Test- Ruhina (2)
- ☐ Demo Testing (3)
- ☐ Demo testing-jh (1)
- ☐ Ea volupt (2)
- ☐ eyegene (1)
- ☐ FITBIR Ops Training Study (2)
- ☐ Heather's Study (2)
- ☐ Heather's Study 2 (1)
- ☐ Imaging test1 (4)

Forms

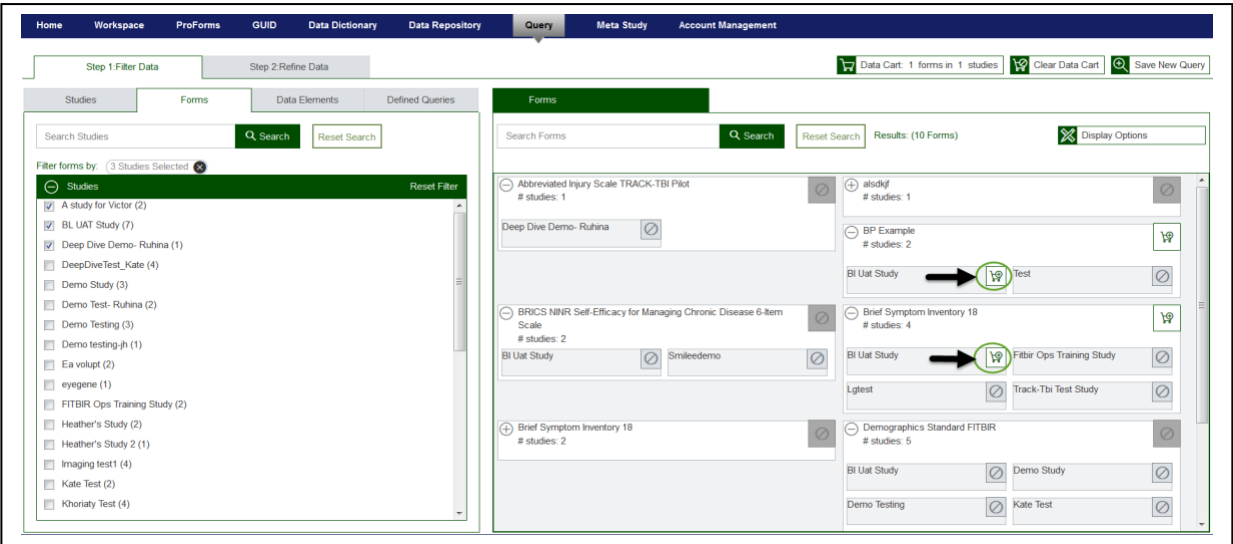
Search FormsSearchReset SearchResults: (10 Forms)Display Options

| | |
|--|--|
| <input type="checkbox"/> Abbreviated Injury Scale TRACK-TBI Pilot # studies: 1 | <input type="checkbox"/> alsdkj# # studies: 1 |
| <input type="checkbox"/> BP Example # studies: 2 | <input type="checkbox"/> BRICS NINR Self-Efficacy for Managing Chronic Disease 6-item Scale # studies: 2 |
| <input type="checkbox"/> Brief Symptom Inventory 18 # studies: 4 | <input type="checkbox"/> Brief Symptom Inventory 18 # studies: 2 |
| <input type="checkbox"/> Demographics Standard FITBIR # studies: 5 | <input type="checkbox"/> Testing_Testing_Sys1 # studies: 1 |
| <input type="checkbox"/> TRACK-TBI Glasgow Coma Scale Pediatric (GOSE-P) # studies: 2 | <input type="checkbox"/> Trail Making Test # studies: 3 |

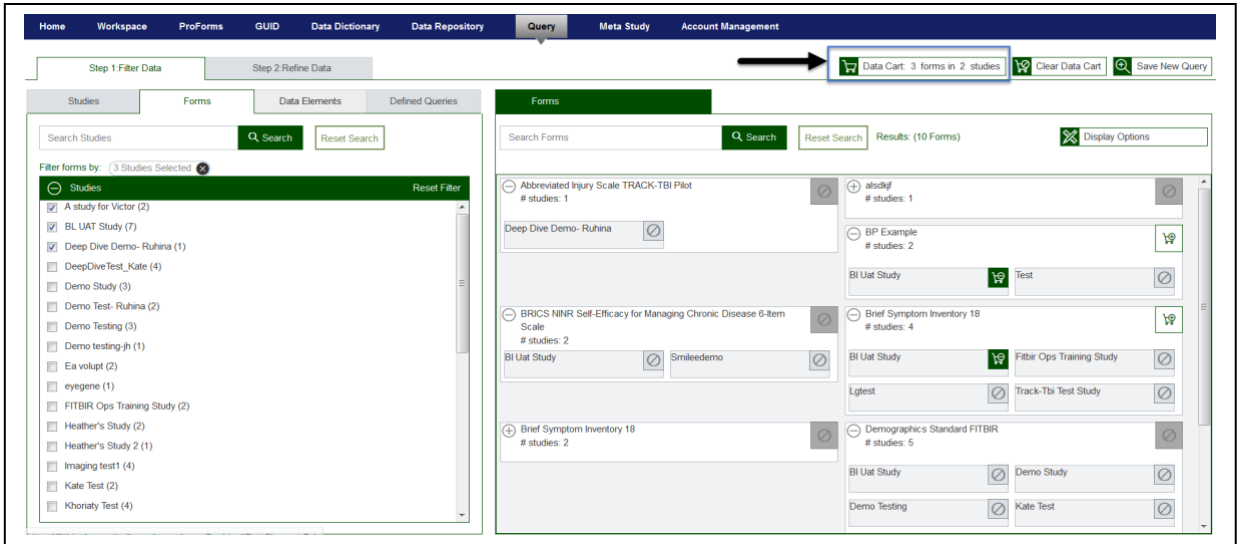
7. To better refine your search results to the appropriate results, click on the **+** expandable buttons to expand the results. To better refine your search to the appropriate results, click on the **+** expandable buttons to expand the results. **Note:** By simply checking the individual data elements in the left pane refined the data further to the forms that use that data element. The grayed-out results indicate that an Admin right is required to access these elements/forms.



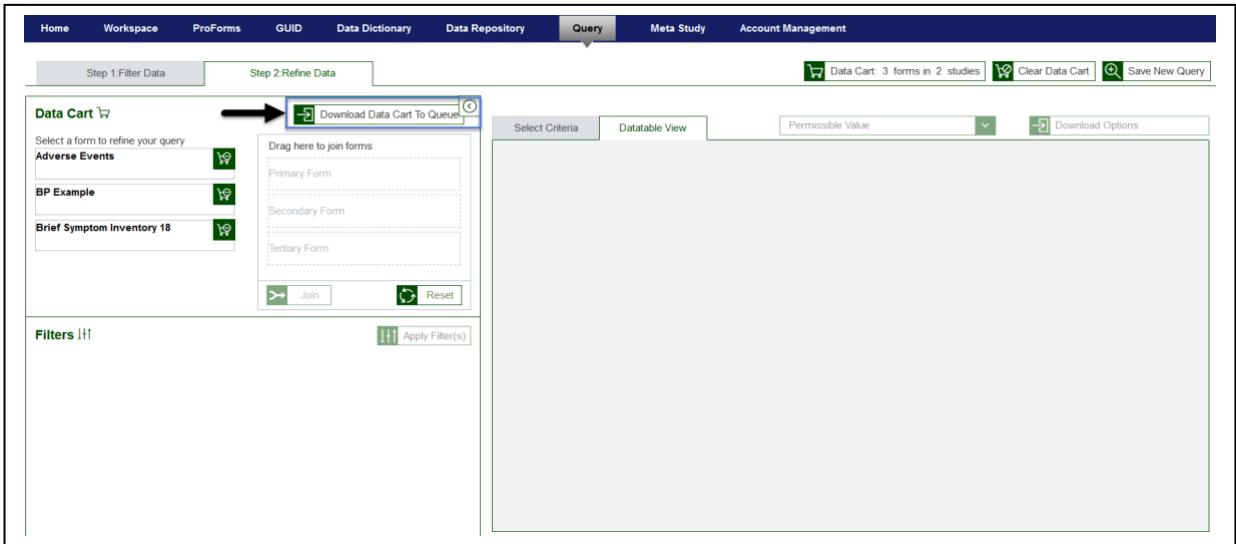
8. Click on the “**Data Cart**” icon beside the desired query result to add the form and/or studies to your basket.



9. Click on the “**Data Cart**” icon containing your selected forms and studies to continue to step **Step 2: Refine Data**.



10. On the **Step 2: Refine Data** tab, click on the **Download Data Cart Queue** to download the selected forms and/or studies to the Download Queue. Data selected on all forms can be downloaded and will appear as separate files in the download set.
- Note:** Refer to the [Download Tool](#) module on how to download the data.



11. The Download Queue dialog box opens. Enter the Name for the download and click the **Save CSV** button. You may select the “Save Flattened CSV” button if you wish to save the data in this format.

Download to Queue ✕

Name: *

➔

Save CSV

Save Flattened CSV

Cancel

12. A confirmation dialog page appears with the message below: *“Your files are processing and will be added to your queue shortly. Check the Download Queue to download your files.”* You may click on the **“Check Download Queue”** to directly be redirected to the Data Repository module where you can launch the Download Tool, run the download tool, and start downloading your selected data. Note: Choosing to be redirected to the Data Repository will not terminate your Query Tool session. Rather, upon return to the Query tool, the system will notify you that your previous session is still available and if you would like to reload it. Click **OK** button.

Home Workspace ProForms GUID Data Dictionary Data Repository Query Meta Study Account Management

Step 1: Filter Data

Step 2: Refine Data

Data Cart: 3 forms in 2 studies
Clear Data Cart
Save New Query

Download Data Cart To Queue

Select a form to refine your query

Adverse Events 📄

BP Example 📄

Brief Symptom Inventory 18 📄

Download Data Cart To Queue

Drag here to join forms

Primary Form

Secondary Form

Tertiary Form

Join
Reset

Download Data Cart To Queue

Select Criteria

Filters !!!

Apply Filter(s)

Your files are processing and will be added to your download queue shortly. Check the [Download Queue](#) to download your files

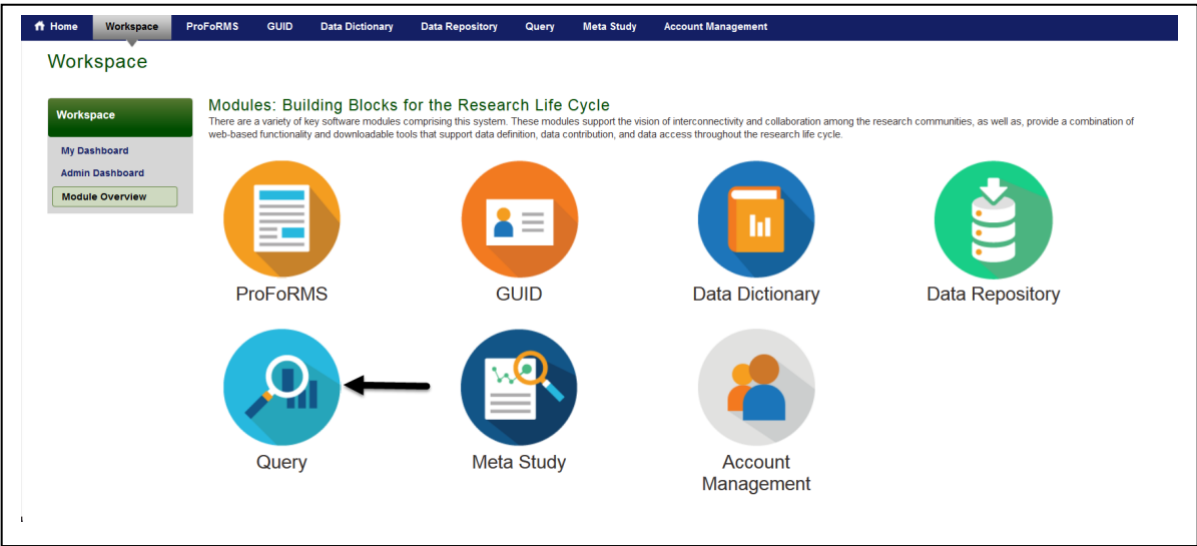
➔

OK

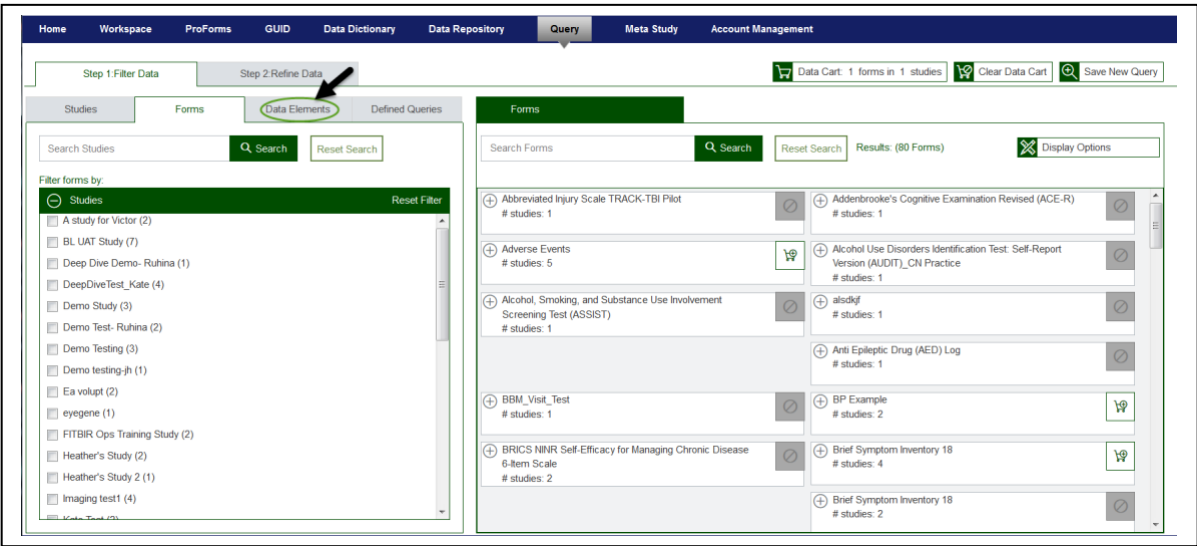
7.2.4 Search Data Elements (Forms)

To search for forms, filtered by studies: Perform the following actions:

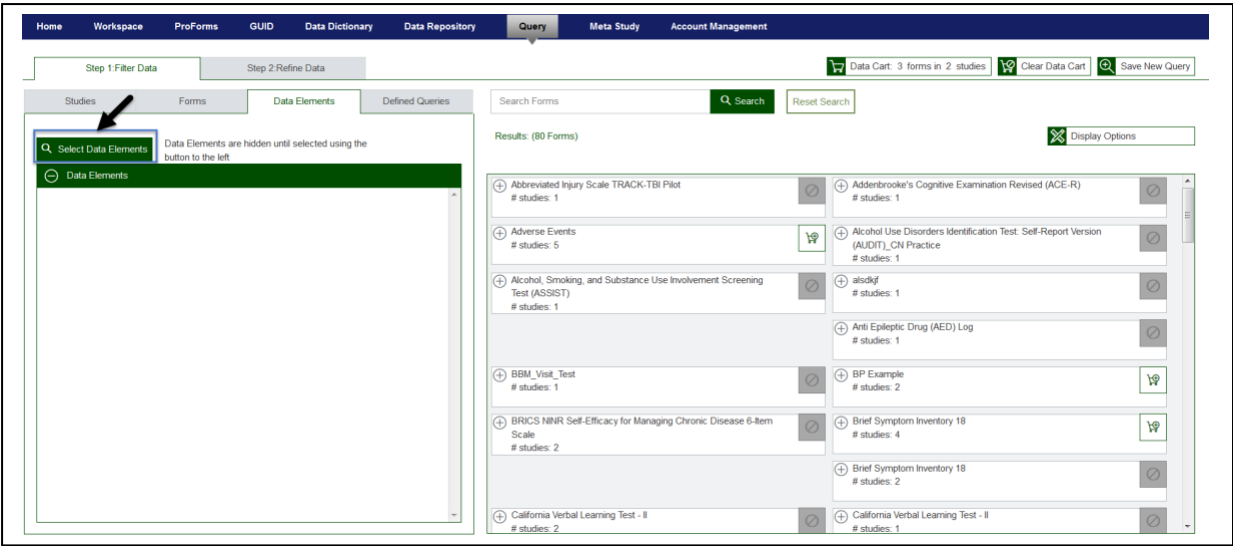
- 1. Login to the system.
- 2. Navigate to the Workspace landing page.
- 3. Click the **Query** module.



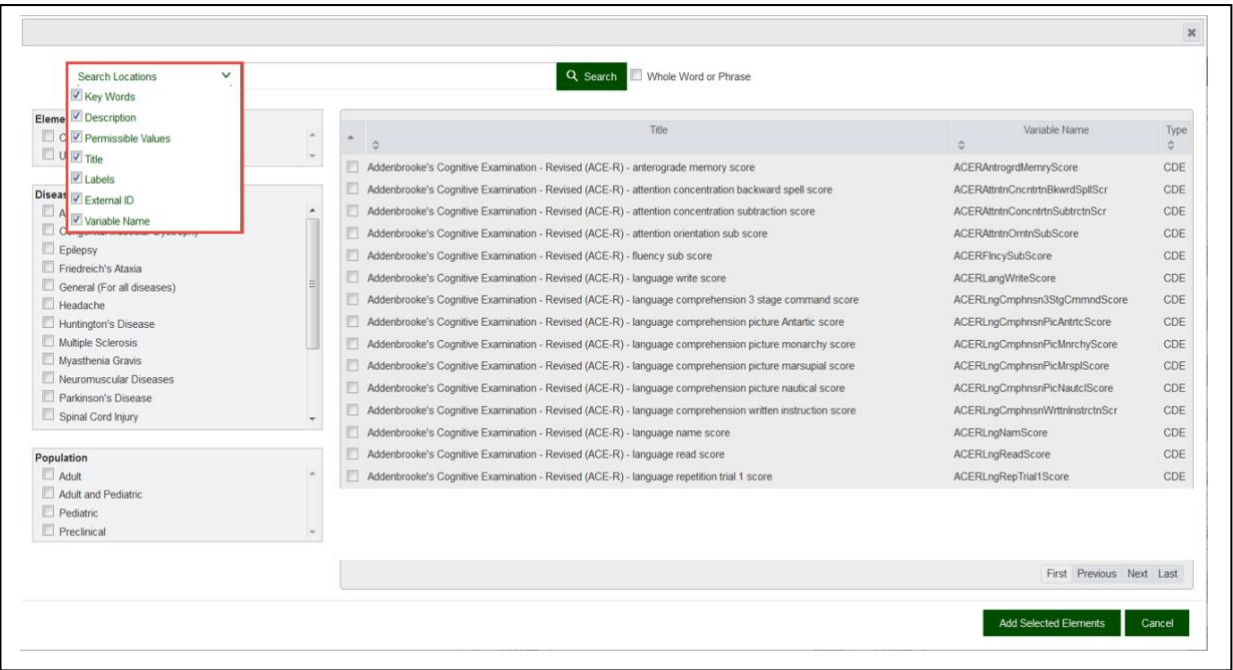
- 4. Select the **Data Elements** tab. The results are displayed on the right-pane of the window.



- Data Elements are hidden from the Dashboard until selected using the search button to the left. Click the **“Select Data Elements”**.



- The Search Data Elements page appears. From the drop-down menu located on the top-left corner, select the **“Search Locations”** are displayed on the right-side of the window.



- You may enter your search criteria in the search text-box and click the “**Search**” button to search **OR** select the check-box beside the Title of the Data Element. Click the **Add Selected Elements** button.

Search Test-box

Search Locations

Search

Whole Word or Phrase

Element Type

☐ Common Data Element
 ☐ Unique Data Element

Disease

☐ Amyotrophic Lateral Sclerosis
 ☐ Congenital Muscular Dystrophy
 ☐ Epilepsy
 ☐ Friedrich's Ataxia
 ☐ General (For all diseases)
 ☐ Headache
 ☐ Huntington's Disease
 ☐ Multiple Sclerosis
 ☐ Myasthenia Gravis
 ☐ Neuromuscular Diseases
 ☐ Parkinson's Disease
 ☐ Spinal Cord Injury

Population

☐ Adult
 ☐ Adult and Pediatric
 ☐ Pediatric
 ☐ Preclinical

| | Title | Variable Name | Type |
|-------------------------------------|--|--------------------------------|------|
| <input checked="" type="checkbox"/> | Addenbrooke's Cognitive Examination - Revised (ACE-R) - anterograde memory score | ACERAntrogrdMmryScore | CDE |
| <input checked="" type="checkbox"/> | Addenbrooke's Cognitive Examination - Revised (ACE-R) - attention concentration backward spell score | ACERAttnnCncntrBkwdSpIllScr | CDE |
| <input checked="" type="checkbox"/> | Addenbrooke's Cognitive Examination - Revised (ACE-R) - attention concentration subtraction score | ACERAttnnCncntrnSubtrctnScr | CDE |
| <input type="checkbox"/> | Addenbrooke's Cognitive Examination - Revised (ACE-R) - attention orientation sub score | ACERAttnnCncntrnSubScore | CDE |
| <input type="checkbox"/> | Addenbrooke's Cognitive Examination - Revised (ACE-R) - fluency sub score | ACERFlncySubScore | CDE |
| <input type="checkbox"/> | Addenbrooke's Cognitive Examination - Revised (ACE-R) - language write score | ACERLangWriteScore | CDE |
| <input type="checkbox"/> | Addenbrooke's Cognitive Examination - Revised (ACE-R) - language comprehension 3 stage command score | ACERLngCmphnsn3StgCmmdnScore | CDE |
| <input type="checkbox"/> | Addenbrooke's Cognitive Examination - Revised (ACE-R) - language comprehension picture Antarctic score | ACERLngCmphnsnPicAntnrcScore | CDE |
| <input type="checkbox"/> | Addenbrooke's Cognitive Examination - Revised (ACE-R) - language comprehension picture monarchy score | ACERLngCmphnsnPicMnrcyScore | CDE |
| <input type="checkbox"/> | Addenbrooke's Cognitive Examination - Revised (ACE-R) - language comprehension picture marsupial score | ACERLngCmphnsnPicMrspScore | CDE |
| <input type="checkbox"/> | Addenbrooke's Cognitive Examination - Revised (ACE-R) - language comprehension picture nautical score | ACERLngCmphnsnPicNautcScore | CDE |
| <input type="checkbox"/> | Addenbrooke's Cognitive Examination - Revised (ACE-R) - language comprehension written instruction score | ACERLngCmphnsnWrttnInstrctnScr | CDE |
| <input type="checkbox"/> | Addenbrooke's Cognitive Examination - Revised (ACE-R) - language name score | ACERLngNmScore | CDE |
| <input type="checkbox"/> | Addenbrooke's Cognitive Examination - Revised (ACE-R) - language read score | ACERLngReadScore | CDE |
| <input type="checkbox"/> | Addenbrooke's Cognitive Examination - Revised (ACE-R) - language repetition trial 1 score | ACERLngRepTrial1Score | CDE |

First Previous Next Last

Add Selected Elements

Cancel

8. The selected Data Elements returns 80 forms as shown below. To better refine your search to the appropriate results, click on the **+** expandable buttons to expand the results. **Note:** By simply checking the individual data elements in the left pane refined the data further to the forms that use that data element.
- The grayed-out results indicate that an Admin right is required to access these elements/forms.

Home Workspace ProForms GUID Data Dictionary Data Repository Query Meta Study Account Management

Step 1: Filter Data Step 2: Refine Data

Search Forms Search Reset Search

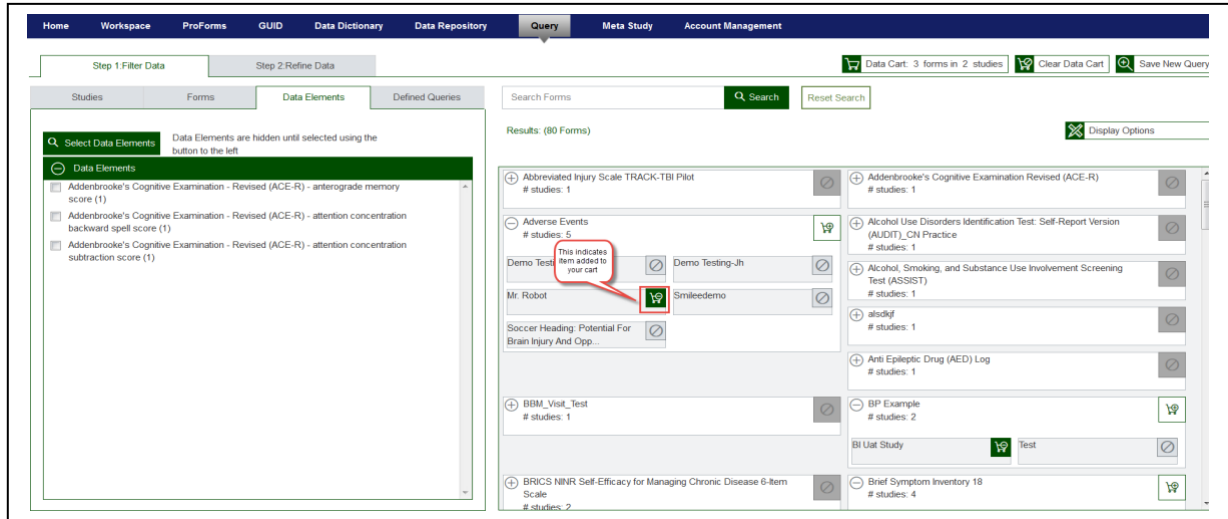
Select Data Elements Data Elements are hidden until selected using the button to the left.

- Data Elements
 - ☐ Addenbrooke's Cognitive Examination - Revised (ACE-R) - anterograde memory score (1)
 - ☐ Addenbrooke's Cognitive Examination - Revised (ACE-R) - attention concentration backward spell score (1)
 - ☐ Addenbrooke's Cognitive Examination - Revised (ACE-R) - attention concentration subtraction score (1)

Results: (80 Forms) Display Options

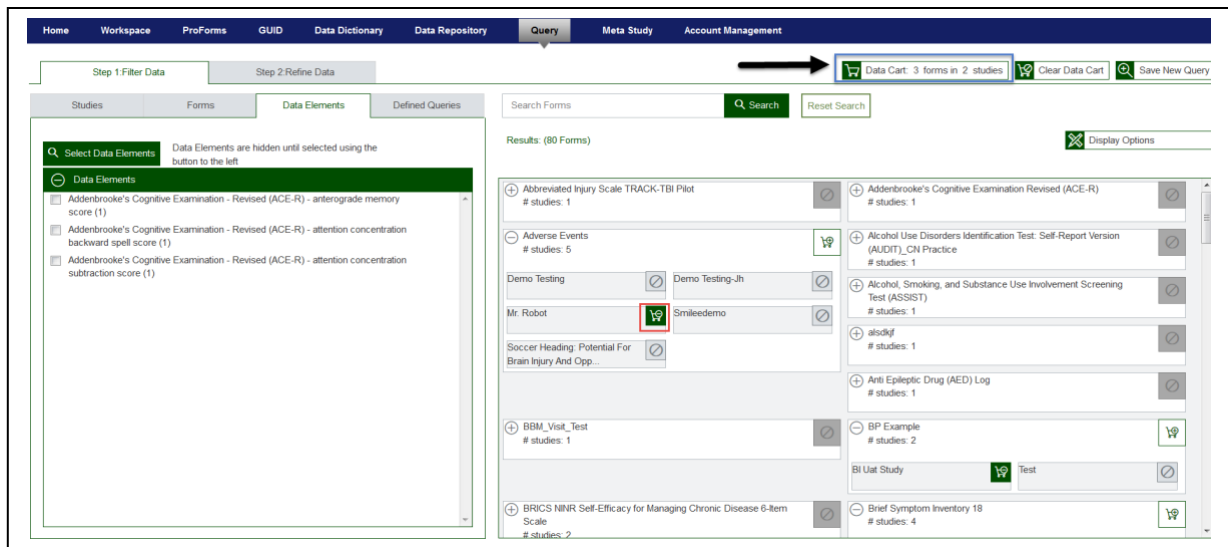
| | |
|---|--|
| Abbreviated Injury Scale TRACK-TBI Pilot # studies: 1 | Addenbrooke's Cognitive Examination Revised (ACE-R) # studies: 1 |
| Adverse Events # studies: 5 | Alcohol Use Disorders Identification Test: Self-Report Version (AUDIT)_CN Practice # studies: 1 |
| Alcohol, Smoking, and Substance Use Involvement Screening Test (ASSIST) # studies: 1 | alodif # studies: 1 |
| BGM_Visit_Test # studies: 1 | Anti Epileptic Drug (AED) Log # studies: 1 |
| BRICS NINR Self-Efficacy for Managing Chronic Disease 6-Item Scale # studies: 2 | BP Example # studies: 2 |
| | Brief Symptom Inventory 18 # studies: 4 |

9. Click on the **“Shopping Basket”** icon beside the desired query result to add the form and/or studies to your basket.



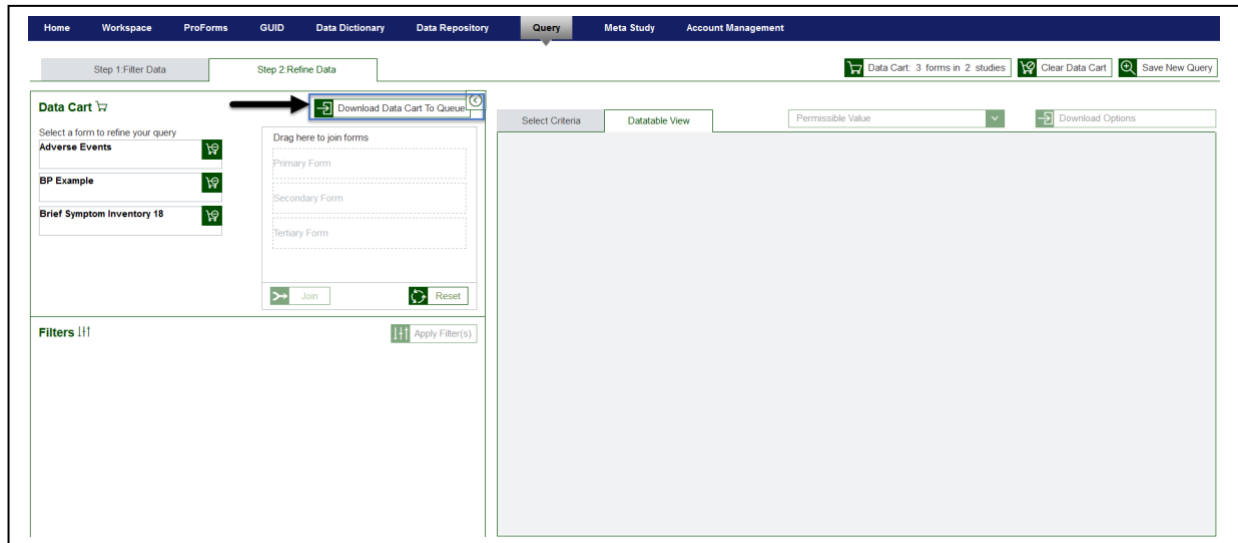
The screenshot shows the BRICS Query interface. The top navigation bar includes Home, Workspace, ProForms, GUID, Data Dictionary, Data Repository, Query, Meta Study, and Account Management. The main area is divided into two steps: Step 1: Filter Data and Step 2: Refine Data. Under Step 1, there are tabs for Studies, Forms, Data Elements, and Defined Queries. The 'Data Elements' tab is selected, showing a list of data elements on the left and a list of 80 forms on the right. A red circle highlights the 'Shopping Basket' icon next to the 'Demo Test' form, with a red arrow pointing to it and the text 'This indicates item added to your cart'.

10. Click on the **“Data Cart”** icon containing your selected data elements to continue to step Step 2: Refine Data.

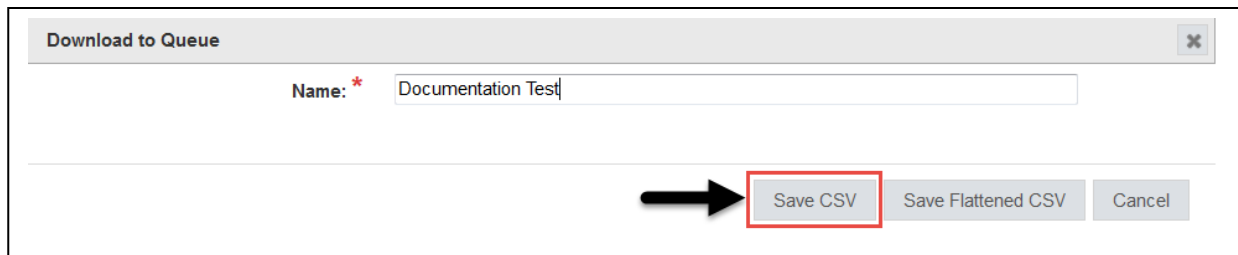


The screenshot shows the BRICS Query interface. The top navigation bar includes Home, Workspace, ProForms, GUID, Data Dictionary, Data Repository, Query, Meta Study, and Account Management. The main area is divided into two steps: Step 1: Filter Data and Step 2: Refine Data. Under Step 2, there are tabs for Studies, Forms, Data Elements, and Defined Queries. The 'Data Elements' tab is selected, showing a list of data elements on the left and a list of 80 forms on the right. A red box highlights the 'Data Cart' icon in the top right corner, with an arrow pointing to it.

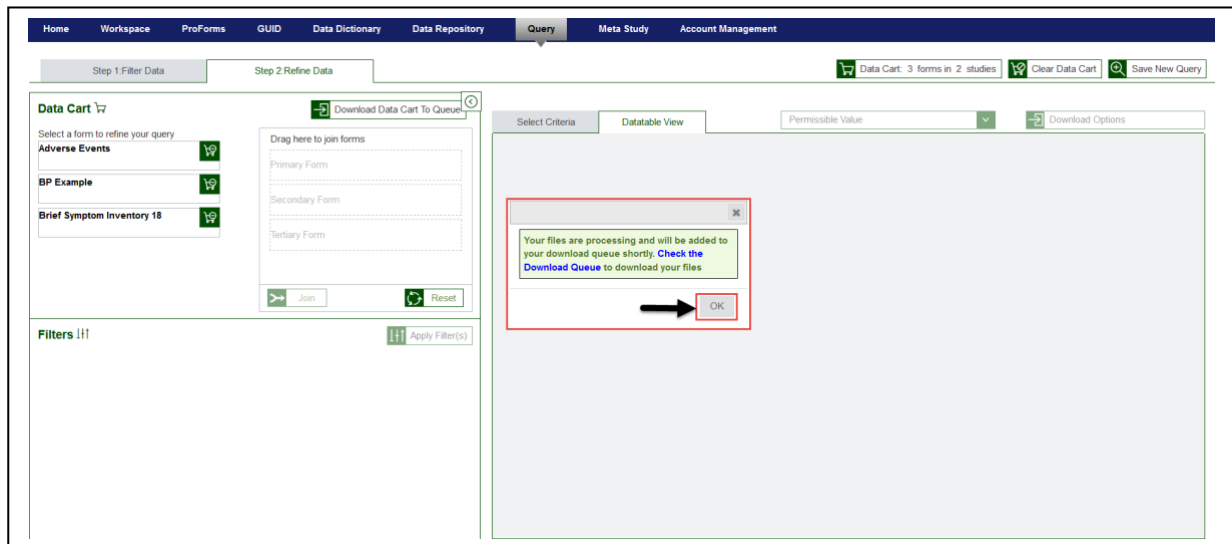
11. On the **Step 2: Refine Data** tab, click on the **Download Data Cart Queue** to download the selected forms and/or studies to the Download Queue. **Note:** Refer to the [Download Tool](#) module on how to download the data.



12. The Download Queue dialog box opens. Enter the name for the download and click the **Save CSV** button. You may select the “Save Flattened CSV” button if you wish to save the data in this format.



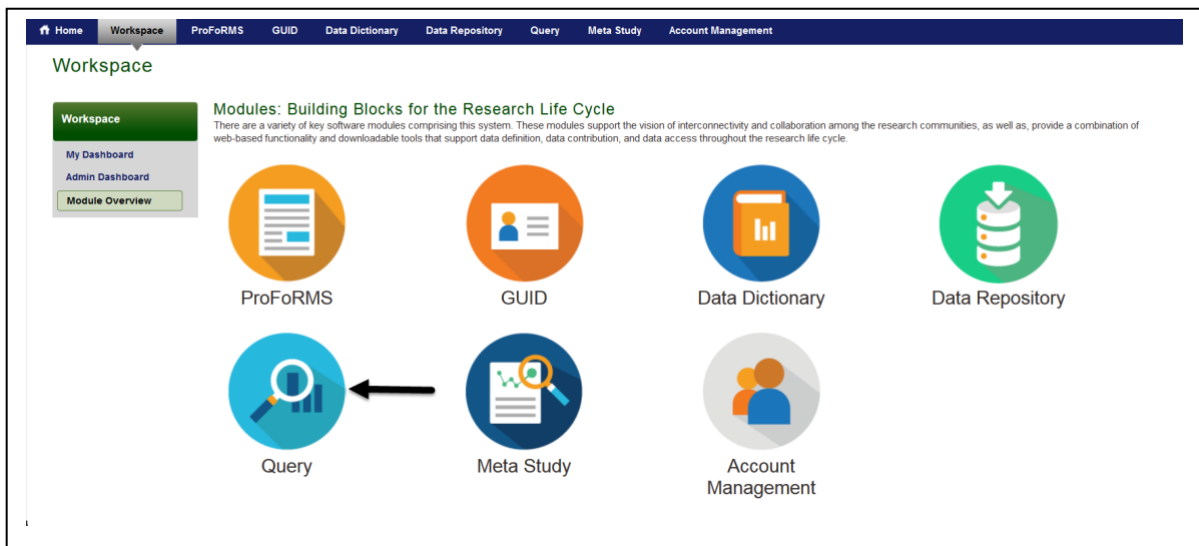
13. A confirmation dialog page appears with the message below: *“Your files are processing and will be added to your queue shortly. Check the Download Queue to download your files.”* You may click on the **“Check Download Queue”** to directly be redirected to the Data Repository module where you can launch the Download Tool, run the download tool, and start downloading your selected data. Note: Choosing to be redirected to the Data Repository will not terminate your Query Tool session. Rather, upon return to the Query tool, the system will notify you that your previous session is still available and if you would like to reload it. Click **OK** button.



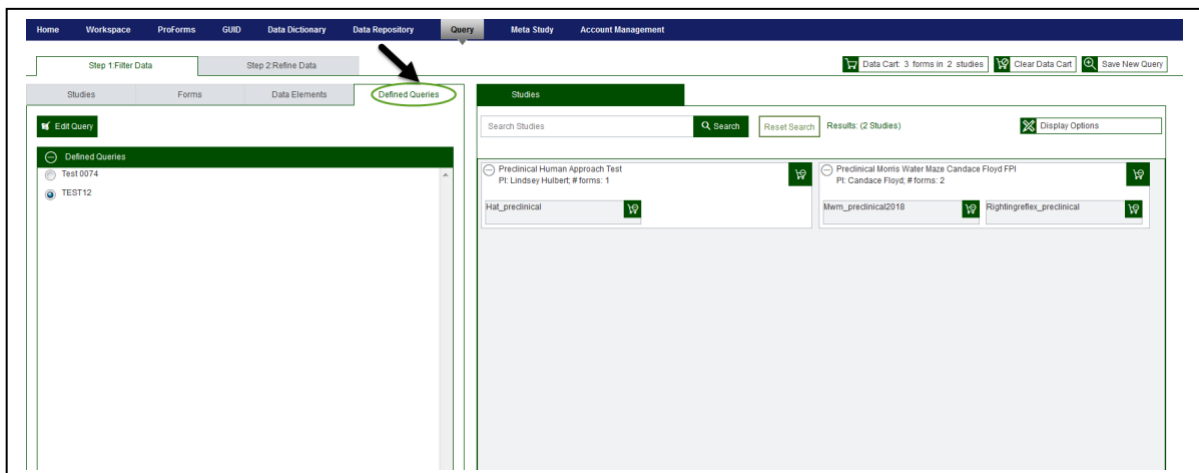
7.2.5 Search Defined Queries (Studies)

To search for Defined Queries filtered by studies. See [Section 7.2.5](#) on how to create defined queries: Perform the following actions:

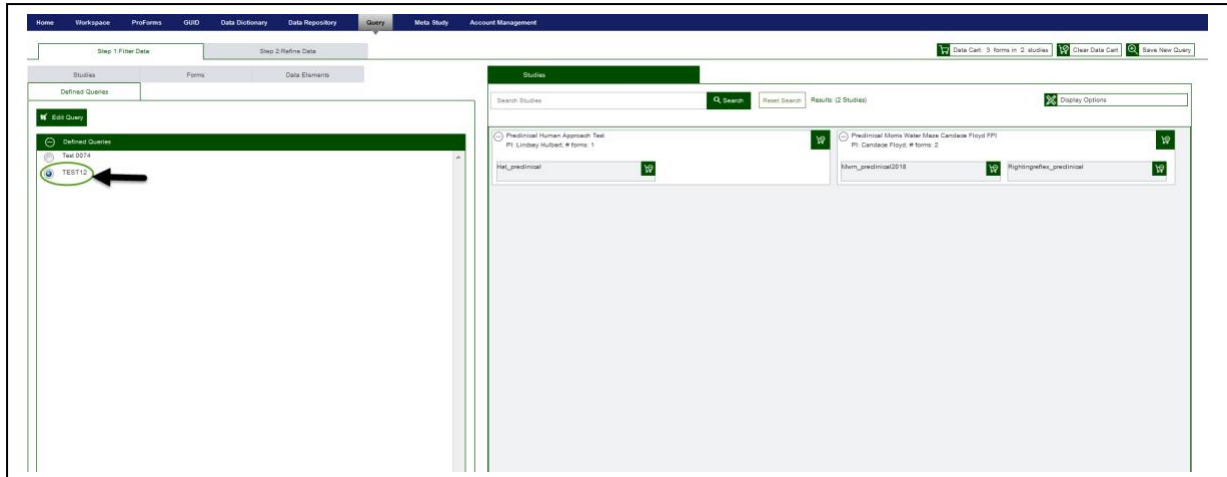
1. Login to the system.
2. Navigate to the Workspace landing page.
3. Click the **Query** module.



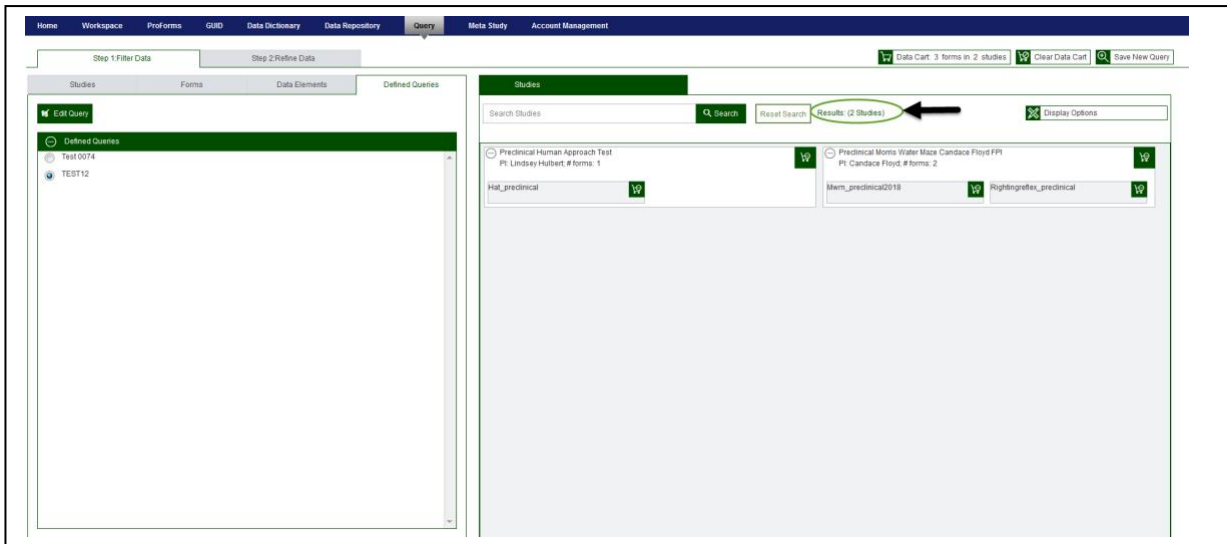
4. Select the **Defined Queries** tab.



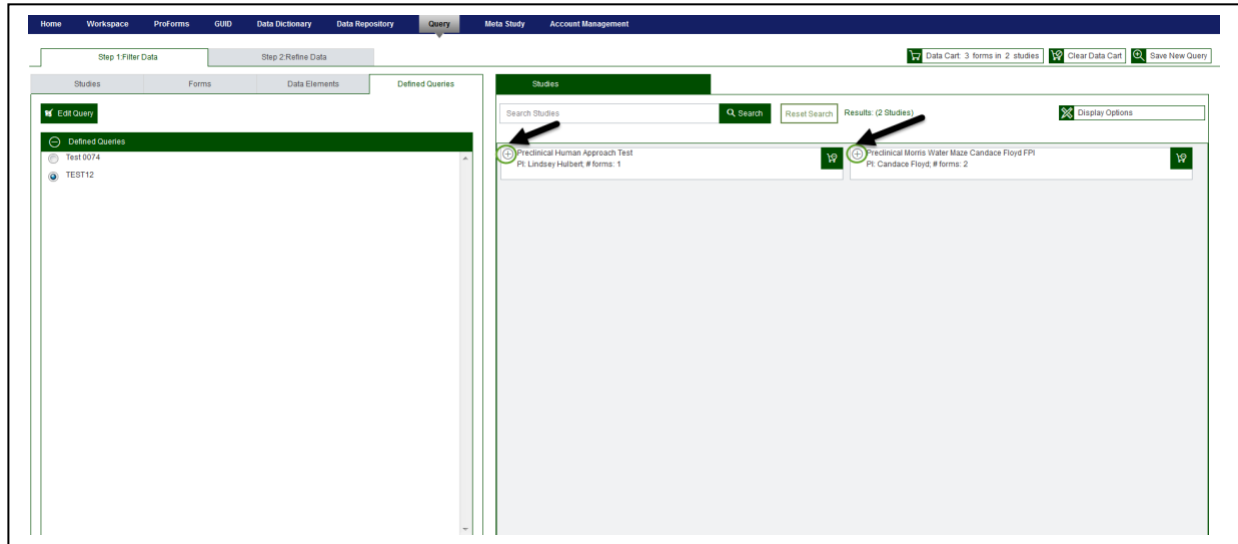
5. Select the check-box beside the desired Defined Query name.



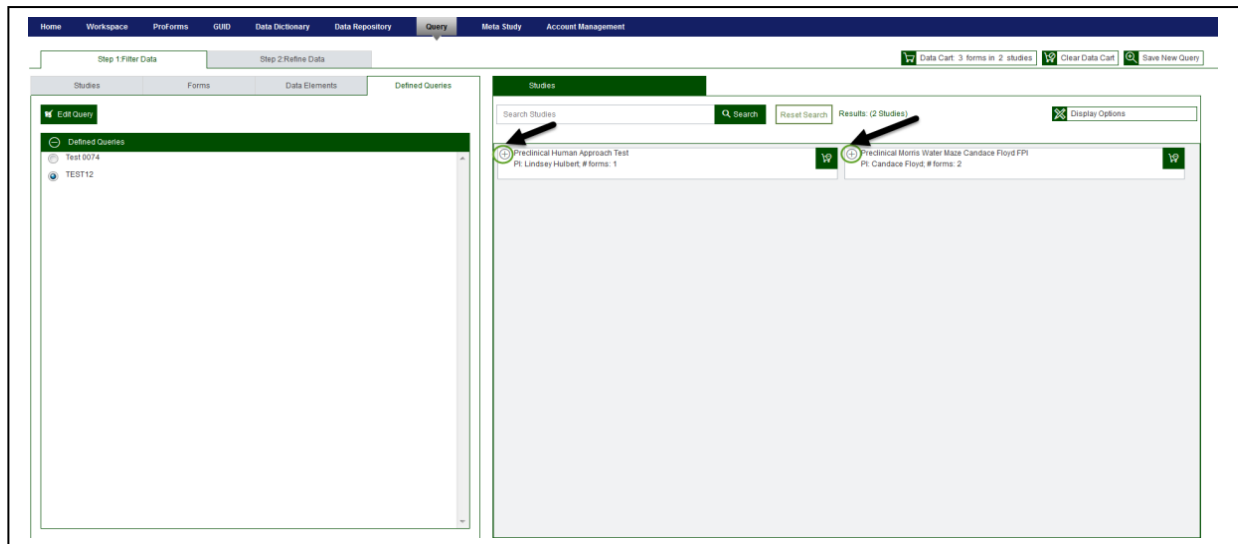
6. The results are displayed on the right-side of the window.



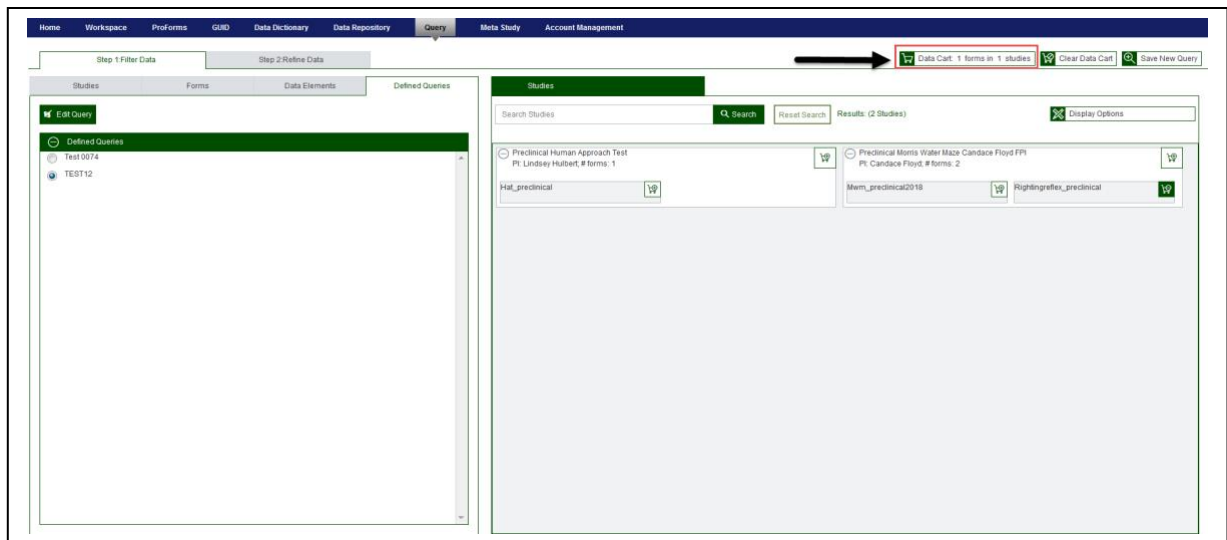
7. To better narrow your search to the appropriate results, click on the **+** expandable buttons to expand the results.



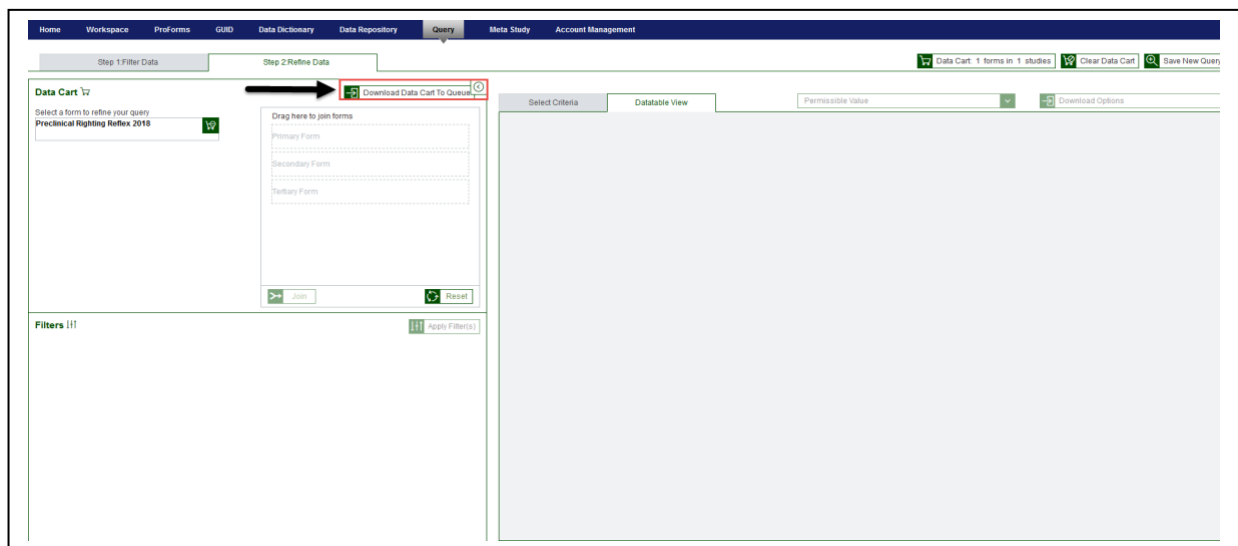
8. Click on the **“Data Cart”** icon beside the desired query result to add the form and/or studies to your basket.



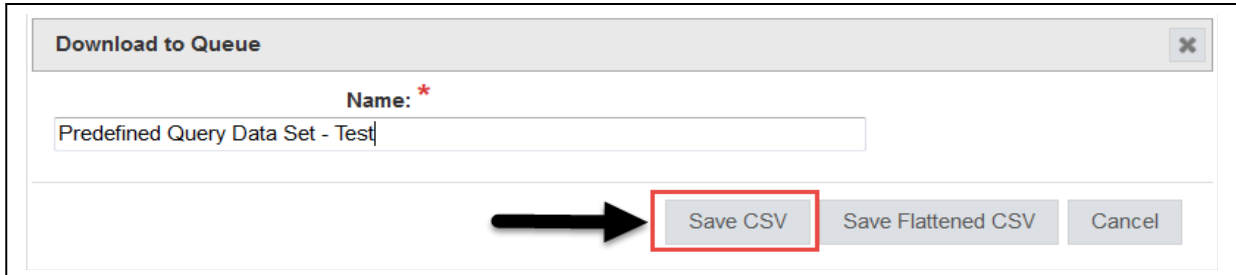
9. Click on the “**Data Cart**” icon containing your selected queries and studies to continue to **Step 2: Refine Data**.



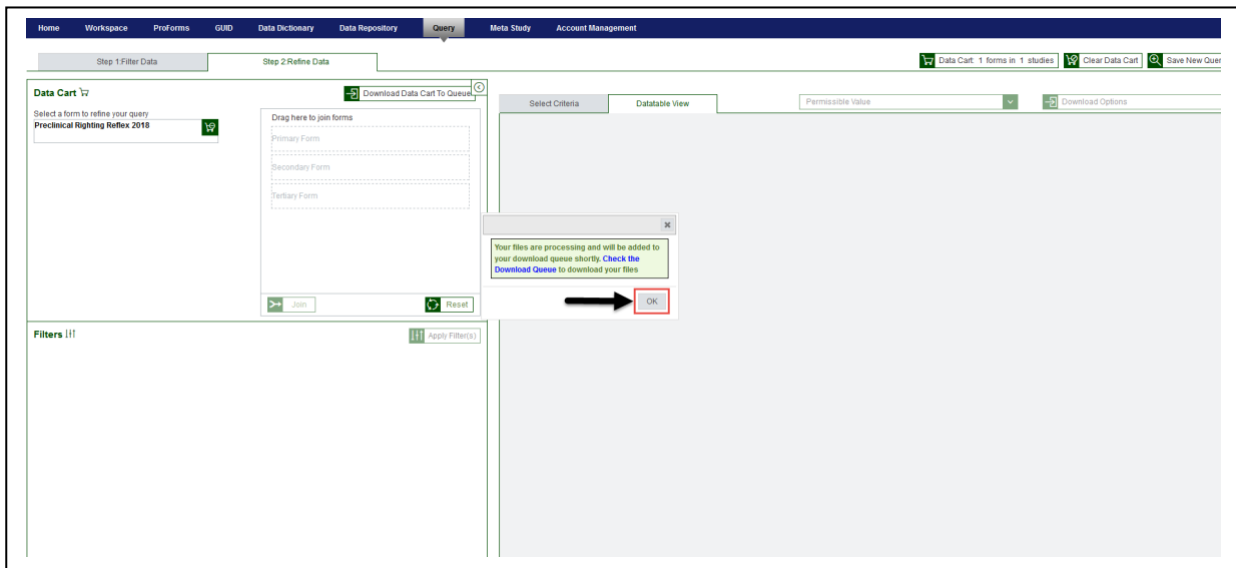
10. On the **Step 2: Refine Data** tab, click on the **Download Data Cart Queue** to download the selected defined queries and studies to the Download Queue. **Note:** Refer to the [Download Tool](#) module on how to download the data.



11. The Download Queue dialog box opens. Enter the Name for the download and click the **Save CSV** button. You may select the “Save Flattened CSV” button if you wish to save the data in this format.



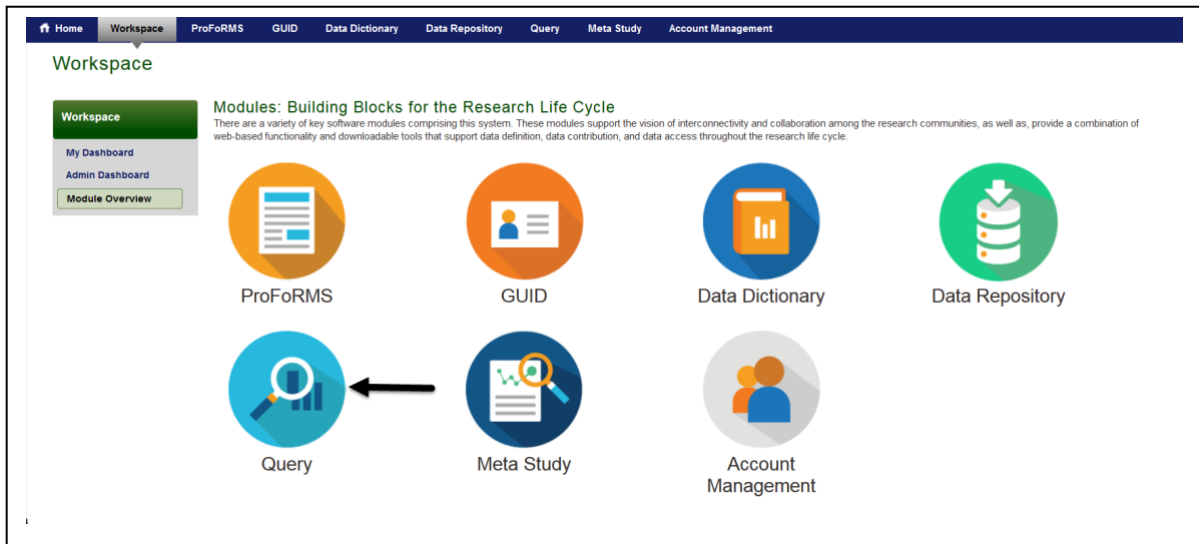
12. A confirmation dialog page appears with the message below: *“Your files are processing and will be added to your queue shortly. Check the Download Queue to download your files.”* You may click on the **“Check Download Queue”** to directly be redirected to the Data Repository module where you can launch the Download Tool, run the download tool, and start downloading your selected data. **Note:** Choosing to be redirected to the Data Repository will not terminate your Query Tool session. Rather, upon return to the Query tool, the system will notify you that your previous session is still available and if you would like to reload it. Click **OK** button.



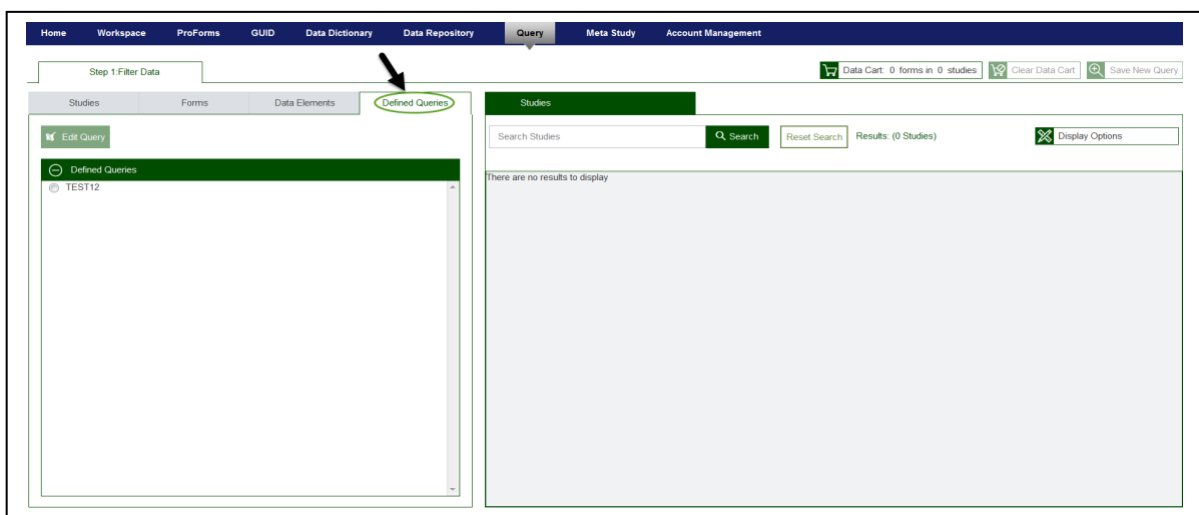
7.2.6 Create Defined Query

To create **Defined Query**: Perform the following actions:

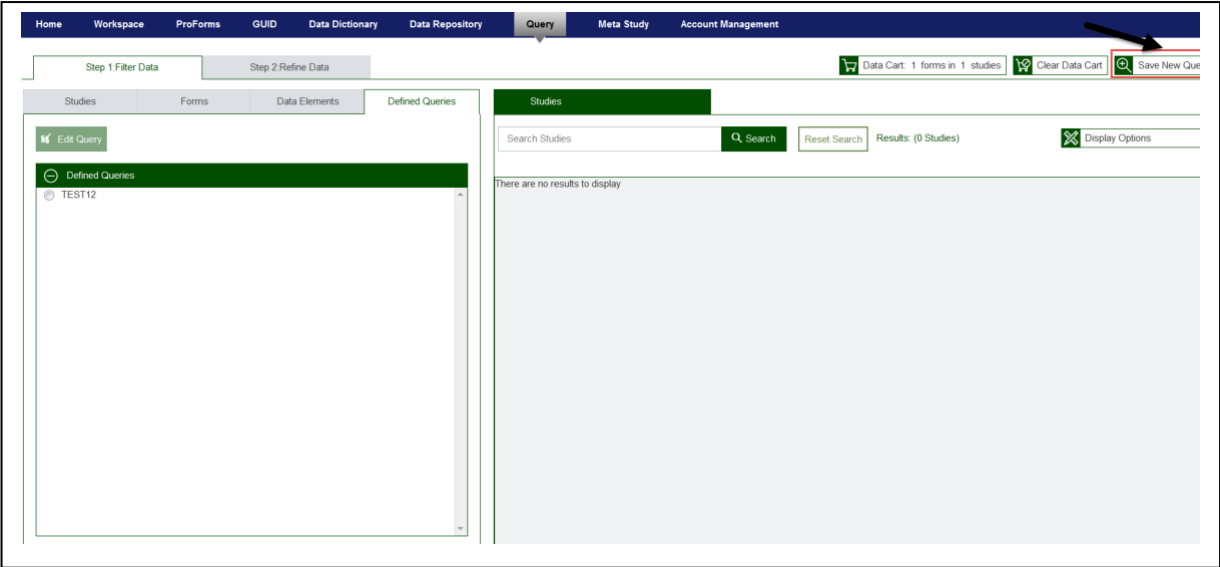
1. Login to the system.
2. Navigate to the Workspace landing page.
3. Click the **Query** module.



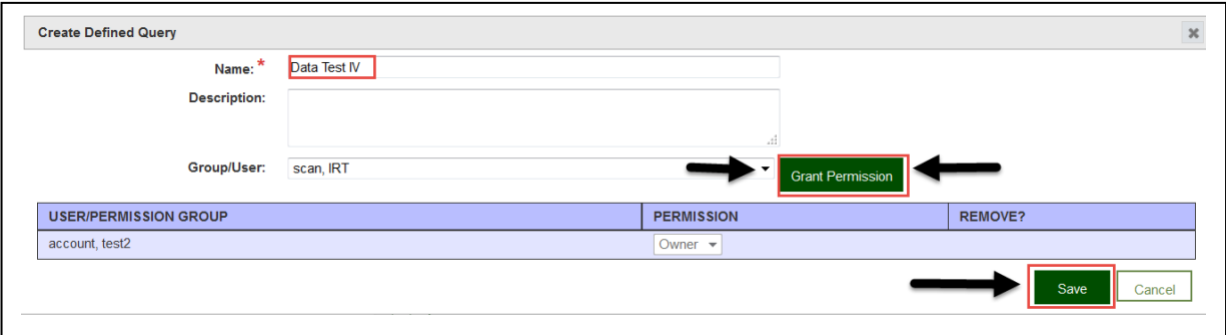
4. Queries can be saved from any of the sections previously defined (forms/studies/DEs) using the “**Save New Query**” button. It is not restricted just to the Defined Queries tab. Select the **Defined Queries** tab.



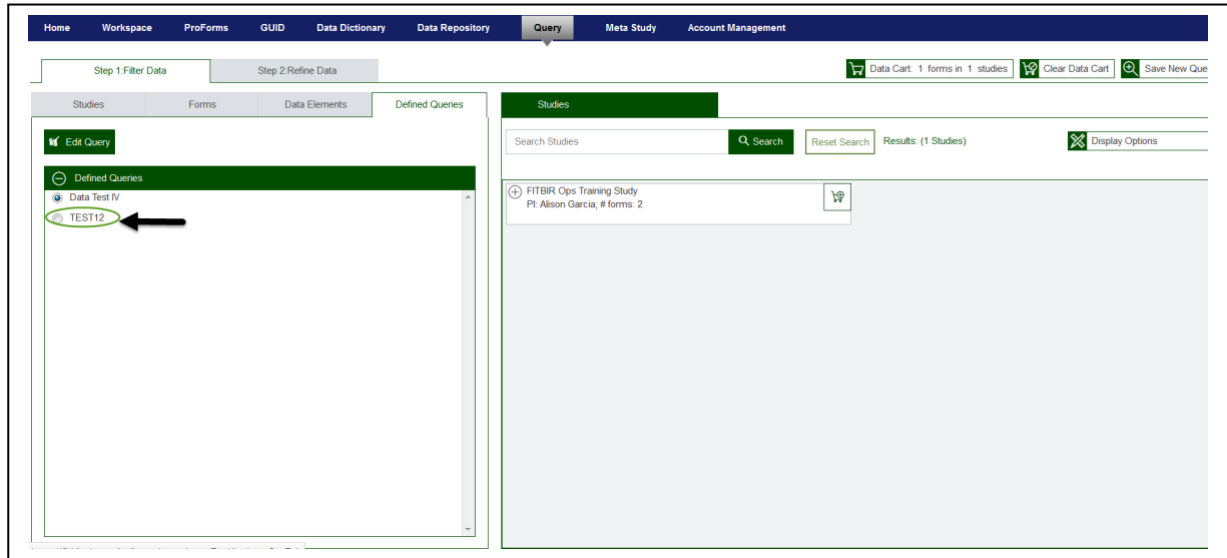
5. Click on the “Save New Query” to display the “Create Defined Query” window



6. Enter the Name of the defined query in the name text-box. From the drop-down menu, select the Group/User name to grant permission to the query and click the “Save” button to create the defined query.



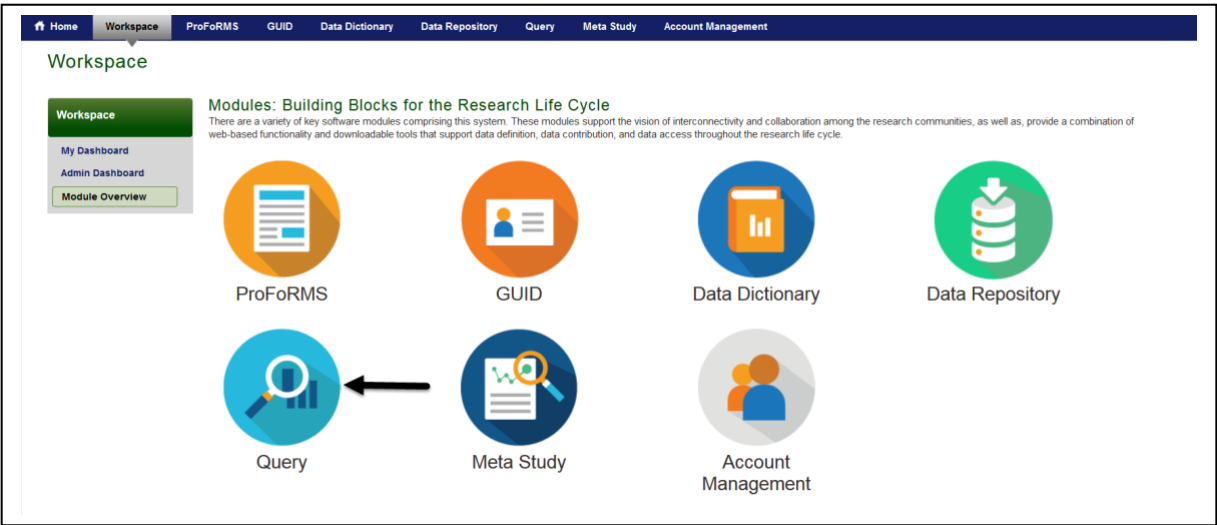
7. The newly created defined query appears in the Defined Queries list as shown below:



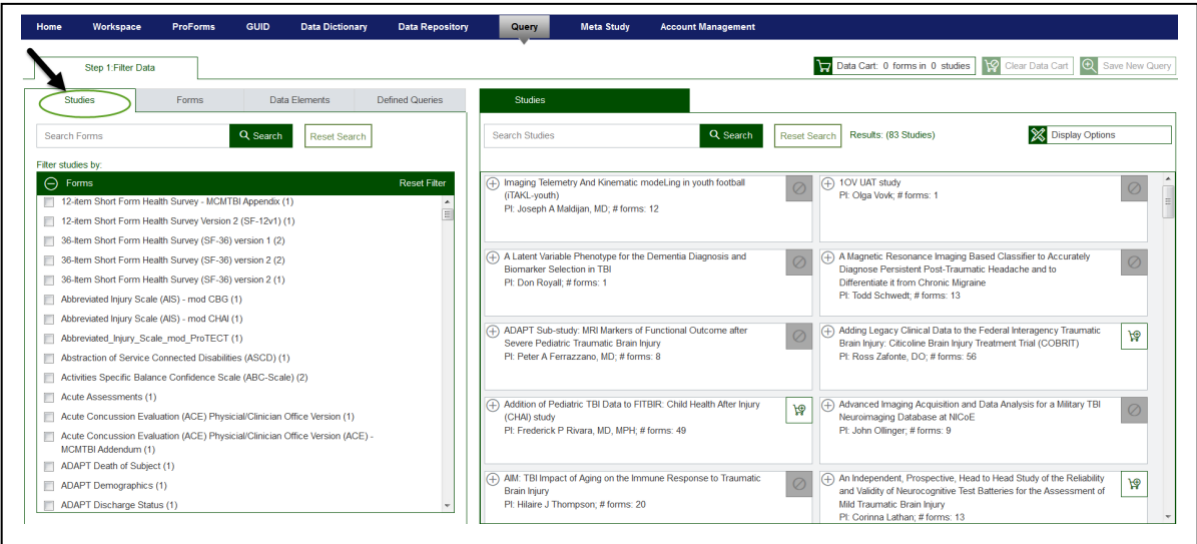
7.2.7 Joining Forms

Joined forms are useful for filtering a subset of data based on the order of the join. **To join forms:** Perform the following actions:

- 1. Login to the system.
- 2. Navigate to the Workspace landing page.
- 3. Click the **Query** module.



- 4. Select either the **Studies**, **Forms**, **Data Elements**, or **Defined Queries** tab. For this purpose of this example, the **Studies** tab is selected.



5. Filter studies by selecting the check-box beside the desired form name.

Home
Workspace
ProForms
GUID
Data Dictionary
Data Repository
Query
Meta Study
Account Management

Step 1 Filter Data

Data Cart: 0 forms in 0 studies
Clear Data Cart
Save New Query

Studies
Forms
Data Elements
Defined Queries

Search Forms
Search
Reset Search

Filter studies by: 4 Forms Selected

Forms
Reset Filter

☒ 12-Item Short Form Health Survey - MCMTBI Appendix (1)
☒ 12-Item Short Form Health Survey Version 2 (SF-12v1) (1)
☒ 36-Item Short Form Health Survey (SF-36) version 1 (2)
☒ 36-Item Short Form Health Survey (SF-36) version 2 (2)
☐ 38-Item Short Form Health Survey (SF-36) version 2 (1)
☐ Abbreviated Injury Scale (AIS) - mod CBG (1)
☐ Abbreviated Injury Scale (AIS) - mod CHAI (1)
☐ Abbreviated_Injury_Scale_mod_ProTECT (1)
☐ Abstraction of Service Connected Disabilities (ASCD) (1)
☐ Activities Specific Balance Confidence Scale (ABC-Scale) (2)
☐ Acute Assessments (1)
☐ Acute Concussion Evaluation (ACE) Physical/Clinician Office Version (1)
☐ Acute Concussion Evaluation (ACE) Physical/Clinician Office Version (ACE) - MCMTBI Addendum (1)
☐ ADAPT Death of Subject (1)
☐ ADAPT Demographics (1)
☐ ADAPT Discharge Status (1)

Studies

Search Studies
Search
Reset Search
Results: (6 Studies)
Display Options

+ Effect of Aerobic Exercise Training on Cardiorespiratory Function in Patients with TBI (CNRM)
PI: Leighton Chan, # forms: 11

+ Late Effects of Traumatic Brain Injury (L.E.-TBI)
PI: Kristen Dams-O'Connor, PhD, # forms: 25

+ Mission Connect Mild TBI Research Consortium
PI: Claudia Robertson, M.D, # forms: 57

+ Predictors of PTSD and Post Concussive Syndrome in OIF/OEF Veterans (CNRM)
PI: Michael Roy, # forms: 18

+ Rehabilitation of Central Sensory Impairments for Balance in mTBI
PI: Laurie King, # forms: 19

+ Transforming Research and Clinical Knowledge in Traumatic Brain Injury (TRACK-TBI)
PI: Geoffrey Manley, MD, PhD, # forms: 36

6. The results are displayed on the right-side of the window.

Home
Workspace
ProForms
GUID
Data Dictionary
Data Repository
Query
Meta Study
Account Management

Step 1 Filter Data

Studies

Forms

Data Elements

Defined Queries

Search Forms

Search

Reset Search

Filter studies by: 4 Forms Selected

Forms

Reset Filter

☒ 12-item Short Form Health Survey - MCM/TBI Appendix (1)
☒ 12-item Short Form Health Survey Version 2 (SF-12v1) (1)
☒ 36-item Short Form Health Survey (SF-36) version 1 (2)
☒ 36-item Short Form Health Survey (SF-36) version 2 (2)
☐ 36-item Short Form Health Survey (SF-36) version 2 (1)
☐ Abbreviated Injury Scale (AIS) - mod CBG (1)
☐ Abbreviated Injury Scale (AIS) - mod CHAI (1)
☐ Abbreviated_Injury_Scale_mod_ProTECT (1)
☐ Abstraction of Service Connected Disabilities (ASCD) (1)
☐ Activities Specific Balance Confidence Scale (ABC-Scale) (2)
☐ Acute Assessments (1)
☐ Acute Concussion Evaluation (ACE) Physical/Clinician Office Version (1)
☐ Acute Concussion Evaluation (ACE) Physical/Clinician Office Version (ACE) - MCM/TBI Addendum (1)
☐ ADAPT Death of Subject (1)
☐ ADAPT Demographics (1)
☐ ADAPT Discharge Status (1)

Studies

Search Studies

Search

Reset Search

Results: (6 Studies)

Display Options

+

Effect of Aerobic Exercise Training on Cardiorespiratory Function in Patients with TBI (CNRM)
Pt. Leighton Chan, # forms: 11

☐
☒

+

Mission Connect Mid TBI Research Consortium
Pt. Claudia Robertson, M.D., # forms: 57

☒
☐

+

Rehabilitation of Central Sensory Impairments for Balance in mTBI
Pt. Laurie King, # forms: 19

☒
☐

+

Late Effects of Traumatic Brain Injury (L.E.-TBI)
Pt. Kristen Dams-O'Connor, PhD, # forms: 25

☐
☒

+

Predictors of PTSD and Post Concussive Syndrome in OIF/OEF Veterans (CNRM)
Pt. Michael Roy, # forms: 18

☐
☒

+

Transforming Research and Clinical Knowledge in Traumatic Brain Injury (TRACK-TBI)
Pt. Geoffrey Manley, MD, PhD, # forms: 36

☒
☐

- To better narrow your search to the appropriate results, click on the **+** expandable buttons to expand the results.

Home
Workspace
ProForms
GUID
Data Dictionary
Data Repository
Meta Study
Account Management

Step 1 Filter Data
Step 2 Refine Data

Data Cart: 9 forms in 1 studies
Clear Data Cart
Save New Query

Studies
Forms
Data Elements
Defined Queries

Search Forms
Search
Reset Search

Filter studies by: 4 Forms Selected
Reset Filter

☒ 12-item Short Form Health Survey - MCMTBI Appendix (1)
☒ 12-item Short Form Health Survey Version 2 (SF-12v1) (1)
☒ 36-item Short Form Health Survey (SF-36) version 1 (2)
☒ 36-item Short Form Health Survey (SF-36) version 2 (2)
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☐ Abbreviated Injury Scale (AIS) - mod CBG (1)
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☐ Abbreviated_Injury_Scale_mod_ProTECT (1)
☐ Abstraction of Service Connected Disabilities (ASCD) (1)
☐ Activities Specific Balance Confidence Scale (ABC-Scal) (2)
☐ Acute Assessments (1)
☐ Acute Concussion Evaluation (ACE) Physical/Clinician Office Version (1)
☐ Acute Concussion Evaluation (ACE) Physical/Clinician Office Version (ACE) - MCMTBI Addendum (1)
☐ ADAPT Death of Subject (1)
☐ ADAPT Demographics (1)
☐ ADAPT Discharge Status (1)

Studies
Search Studies
Search
Reset Search
Results: (6 Studies)
Display Options

Effect of Aerobic Exercise Training on Cardiorespiratory Function in Patients with TBI (CNRM)
Pt: Leighan Chan, # forms: 11

SF_36_FITBIR_V1
BDQ
CPET
FTT
PSQI
RBANSA_Summary
TMT_Standard

+
Late Effects of Traumatic Brain Injury (LE-TBI)
Pt: Kristen Dams-O'Connor, PhD, # forms: 25

+
Mission Connect Mild TBI Research Consortium
Pt: Claudia Robertson, M.D., # forms: 57

+
Predictors of PTSD and Post Concussive Syndrome in OIF/OEF Veterans (CNRM)
Pt: Michael Roy, # forms: 18

+
Rehabilitation of Central Sensory Impairments for Balance in mTBI
Pt: Laurie King, # forms: 19

+
Transforming Research and Clinical Knowledge in Traumatic Brain Injury (TRACK-TBI)
Pt: Geoffrey Manley, MD, PhD, # forms: 36

- Click on the “**Shopping Basket**” icon beside the desired query result to add the form and/or studies to your basket.

Home
Workspace
ProForms
GUID
Data Dictionary
Data Repository
Query
Meta Study
Account Management

Step 1: Filter Data
Step 2: Refine Data

Data Cart: 9 forms in 1 studies
Clear Data Cart
Save New Query

Studies
Forms
Data Elements
Defined Queries

Search Forms
Search
Reset Search

Filter studies by: 4 Forms Selected
Reset Filter

☒ Forms

☒ 12-item Short Form Health Survey - MCM/BI Appendix (1)
☒ 12-item Short Form Health Survey Version 2 (SF-12v1) (1)
☒ 36-item Short Form Health Survey (SF-36) version 1 (2)
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☐ Abbreviated_Injury_Scale_mod_ProTECT (1)
☐ Abstraction of Service Connected Disabilities (ASCD) (1)
☐ Activities Specific Balance Confidence Scale (ABC-Scale) (2)
☐ Acute Assessments (1)
☐ Acute Concussion Evaluation (ACE) Physical/Clinician Office Version (1)
☐ Acute Concussion Evaluation (ACE) Physical/Clinician Office Version (ACE) - MCM/BI Addendum (1)
☐ ADAPT Death of Subject (1)
☐ ADAPT Demographics (1)
☐ ADAPT Discharge Status (1)

Studies

Search Studies
Search
Reset Search
Results: (6 Studies)
Display Options

☐ Effect of Aerobic Exercise Training on Cardiorespiratory Function in Patients with TBI (CNRM)
PI: Lighthouse Chan, # forms: 11
SF_36_FITBIR_V1

☒ BID2
☒

☐ CPET

☒ FSS
☒

☐ FTT

☐ PAQ

☐ PSQI

☐ POMSSF

☐ RBANSA_Summary

☒ RBANSB_Summary
☒

☐ TMT_Standard

☒

☒ Late Effects of Traumatic Brain Injury (LE-TBI)
PI: Kristen Dams-O'Connor, PhD, # forms: 25

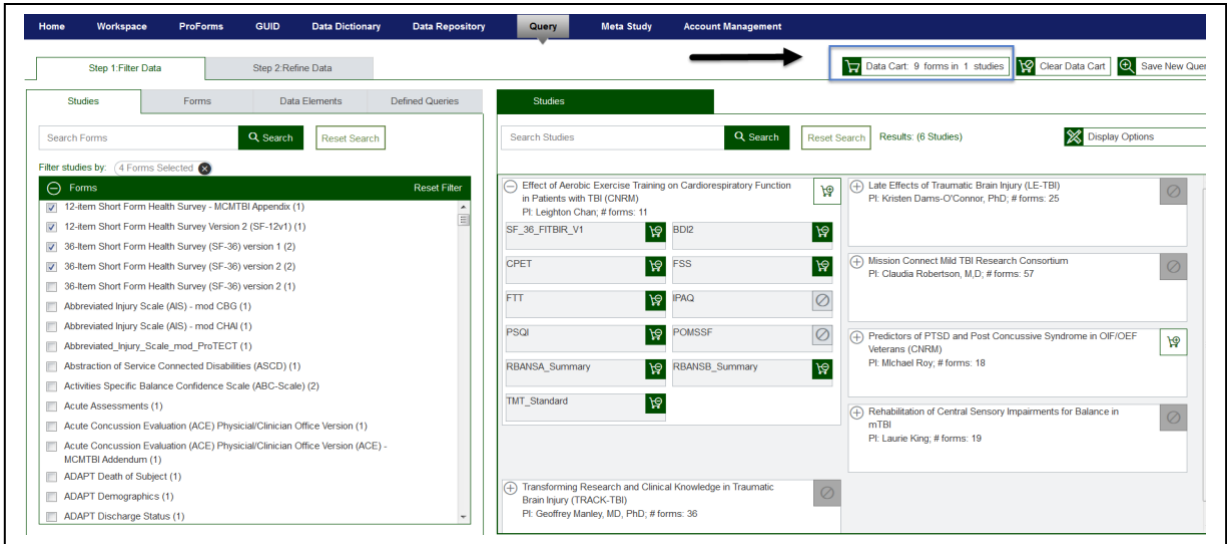
☒ Mission Connect Mild TBI Research Consortium
PI: Claudia Robertson, M.D., # forms: 57

☒ Predictors of PTSD and Post Concussive Syndrome in OIF/OEF Veterans (CHRM)
PI: Michael Roy, # forms: 18

☒ Rehabilitation of Central Sensory Impairments for Balance in mTBI
PI: Laurie King, # forms: 19

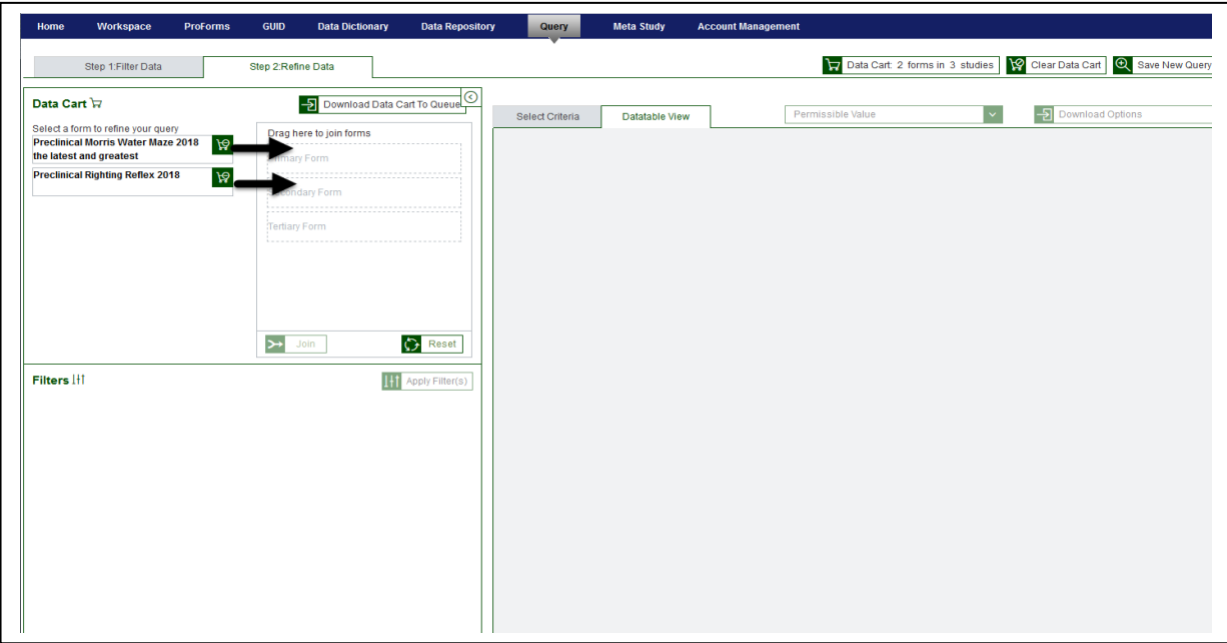
☒ Transforming Research and Clinical Knowledge in Traumatic Brain Injury (TRACK-TBI)
PI: Geoffrey Manley, MD, PhD, # forms: 36

9. Click on the “**Data Cart**” icon containing your selected forms and studies to continue to step **Step 2: Refine Data**.

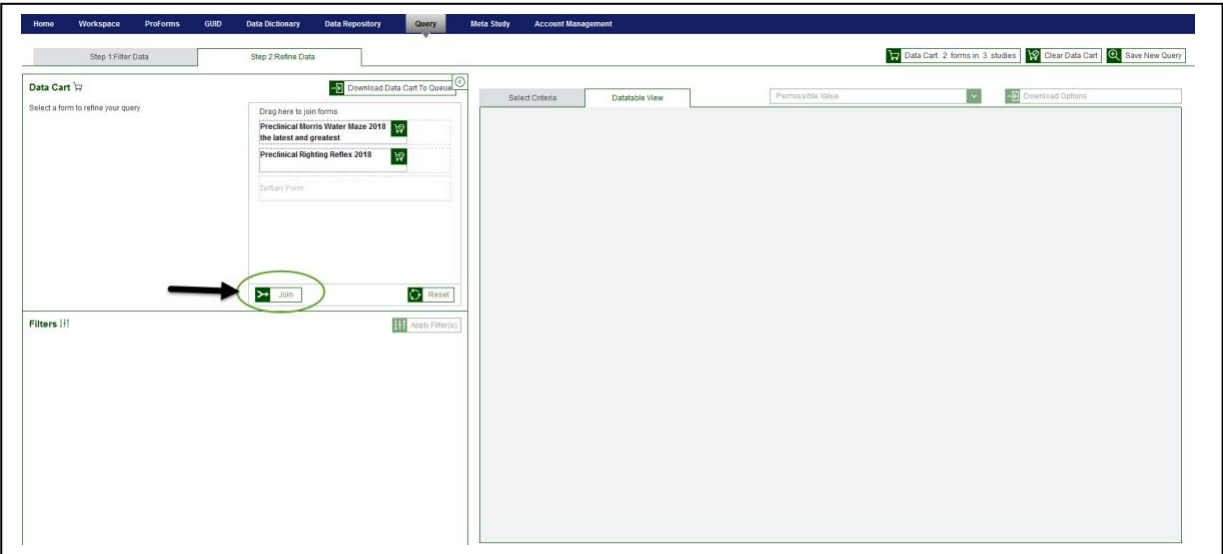


10. On the **Step 2: Refine Data** tab, click on the “Data Cart” and then drag the form to the empty block on the right pane. This is a Left-Join, so filtering/refining of data is done based on the first form added.

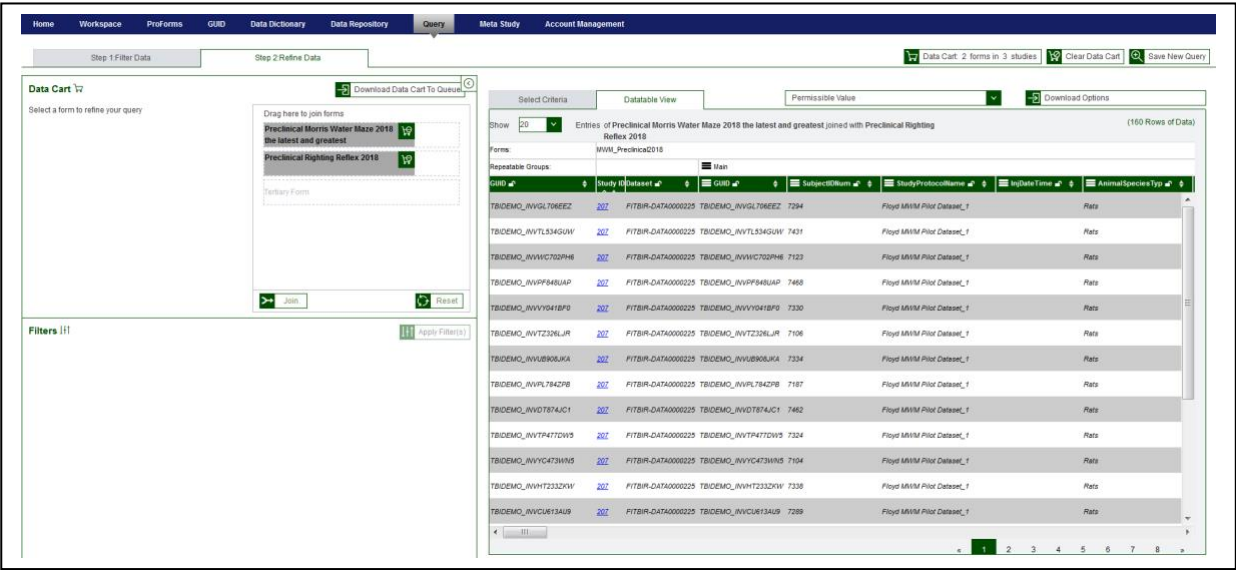
Note: You may only join queries containing 2 forms. The maximum number of forms allowed for a join may not exceed 3.



11. Upon dragging the forms into the empty block, click the “Join” button.



12. The joined forms are now contained in the query and displayed in the right pane. This is the subset or refined data based on the left join.

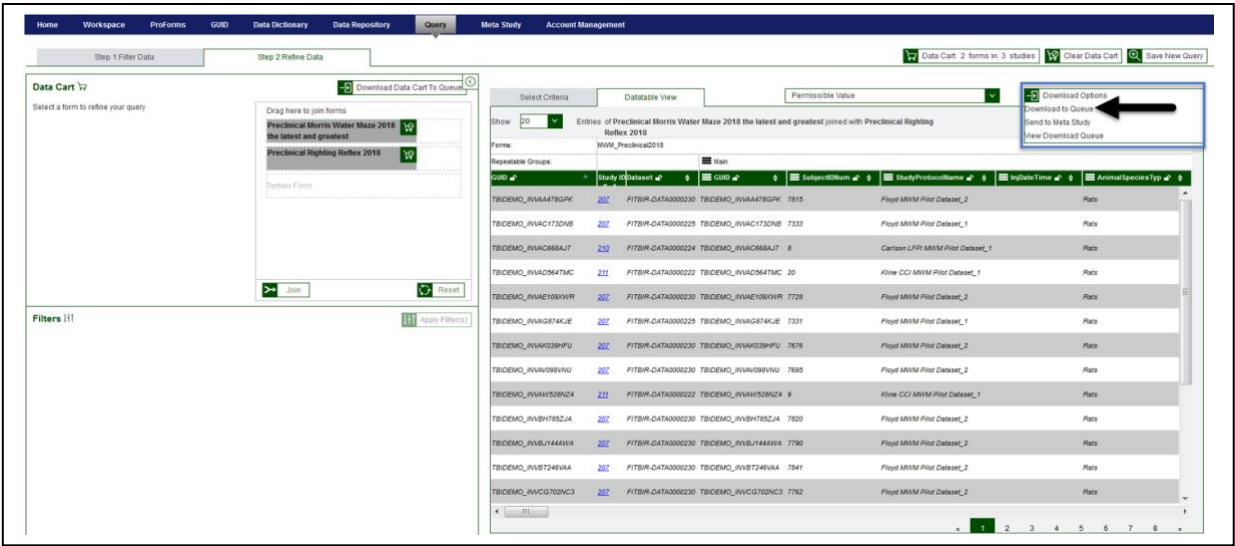


The screenshot shows the BRICS Query Builder interface with the joined data displayed in the right pane. The 'Data Cart' section on the left still shows the two forms. The right pane, under 'Datable View', shows a table with 160 rows of data. The table has columns for 'Study ID', 'Dataset', 'Form', 'SubjectIDNum', 'StudyProtocolName', 'EngDate Time', and 'AnimalSpeciesType'. The data is filtered to show only the 'Preclinical Morris Water Maze 2018' and 'Preclinical Righting Reflex 2018' forms.

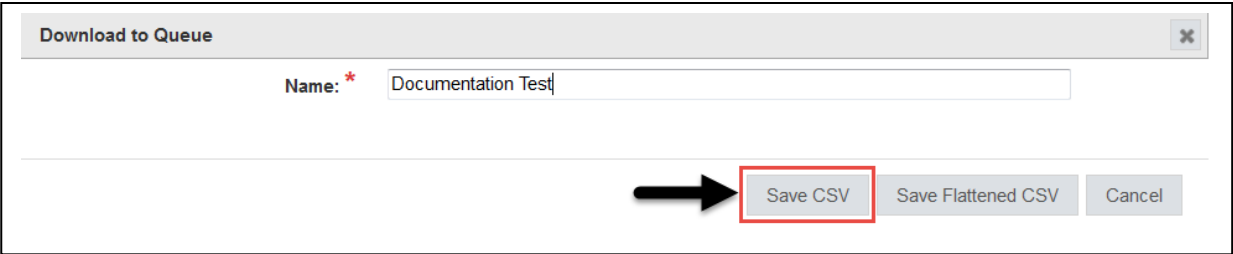
| Study ID | Dataset | Form | SubjectIDNum | StudyProtocolName | EngDate Time | AnimalSpeciesType |
|---------------------|---------|--|--------------|---------------------------|--------------|-------------------|
| TBIDEMO_INVGLT06EEZ | 202 | FITBIR-DATA0000225 TBIDEMO_INVGLT06EEZ | 7294 | Floyd MIM Pilot Dataset_1 | | Rats |
| TBIDEMO_INVTL34GUW | 202 | FITBIR-DATA0000225 TBIDEMO_INVTL34GUW | 7431 | Floyd MIM Pilot Dataset_1 | | Rats |
| TBIDEMO_INVWC702PH | 202 | FITBIR-DATA0000225 TBIDEMO_INVWC702PH | 7123 | Floyd MIM Pilot Dataset_1 | | Rats |
| TBIDEMO_INVPP84UAP | 202 | FITBIR-DATA0000225 TBIDEMO_INVPP84UAP | 7468 | Floyd MIM Pilot Dataset_1 | | Rats |
| TBIDEMO_INVVY04BF9 | 202 | FITBIR-DATA0000225 TBIDEMO_INVVY04BF9 | 7330 | Floyd MIM Pilot Dataset_1 | | Rats |
| TBIDEMO_INVVZ326LR | 202 | FITBIR-DATA0000225 TBIDEMO_INVVZ326LR | 7106 | Floyd MIM Pilot Dataset_1 | | Rats |
| TBIDEMO_INVUB06UKA | 202 | FITBIR-DATA0000225 TBIDEMO_INVUB06UKA | 7334 | Floyd MIM Pilot Dataset_1 | | Rats |
| TBIDEMO_INVPL784ZPB | 202 | FITBIR-DATA0000225 TBIDEMO_INVPL784ZPB | 7187 | Floyd MIM Pilot Dataset_1 | | Rats |
| TBIDEMO_INVDT874JC1 | 202 | FITBIR-DATA0000225 TBIDEMO_INVDT874JC1 | 7462 | Floyd MIM Pilot Dataset_1 | | Rats |
| TBIDEMO_INVTP47TOW5 | 202 | FITBIR-DATA0000225 TBIDEMO_INVTP47TOW5 | 7324 | Floyd MIM Pilot Dataset_1 | | Rats |
| TBIDEMO_INVYC473HNS | 202 | FITBIR-DATA0000225 TBIDEMO_INVYC473HNS | 7104 | Floyd MIM Pilot Dataset_1 | | Rats |
| TBIDEMO_INVHT233ZKW | 202 | FITBIR-DATA0000225 TBIDEMO_INVHT233ZKW | 7336 | Floyd MIM Pilot Dataset_1 | | Rats |
| TBIDEMO_INVUC613AU9 | 202 | FITBIR-DATA0000225 TBIDEMO_INVUC613AU9 | 7289 | Floyd MIM Pilot Dataset_1 | | Rats |

13. In the Datable View, click on the “Download Options” icon containing your joined forms and studies to continue to select your downloading options: **1: Download to Queue;** **2: Send to Meta Data;** **3: View Download Queue.** In this example, we will select – Download to Queue.

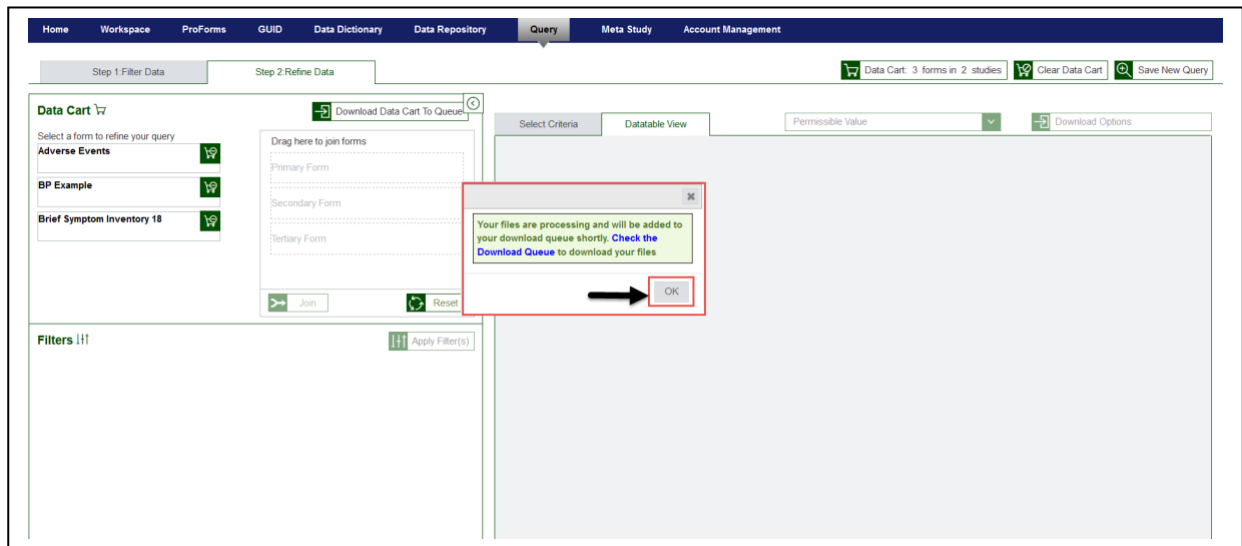
Data selected on all forms can be downloaded and will appear as separate files in the download set. Note: Refer to the [Download Tool](#) module on how to download the data.



14. The Download Queue dialog box opens. Enter the Name for the download and click the **Save CSV** button. You may select the “Save Flattened CSV” button is you wish to save the data in this format.



15. A confirmation dialog page appears with the message below: *“Your files are processing and will be added to your queue shortly. Check the Download Queue to download your files.”* You may click on the **“Check Download Queue”** to directly be redirected to the Data Repository module where you can launch the Download Tool, run the download tool, and start downloading your selected data. Note: Choosing to be redirected to the Data Repository will not terminate your Query Tool session. Rather, upon return to the Query tool, the system will notify you that your previous session is still available and if you would like to reload it. Click **OK** button.



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